









Contents

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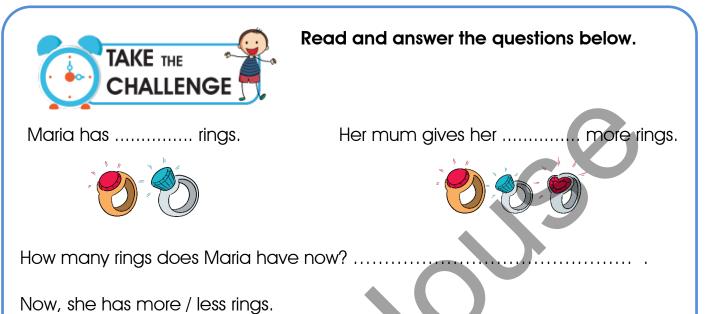
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Counting

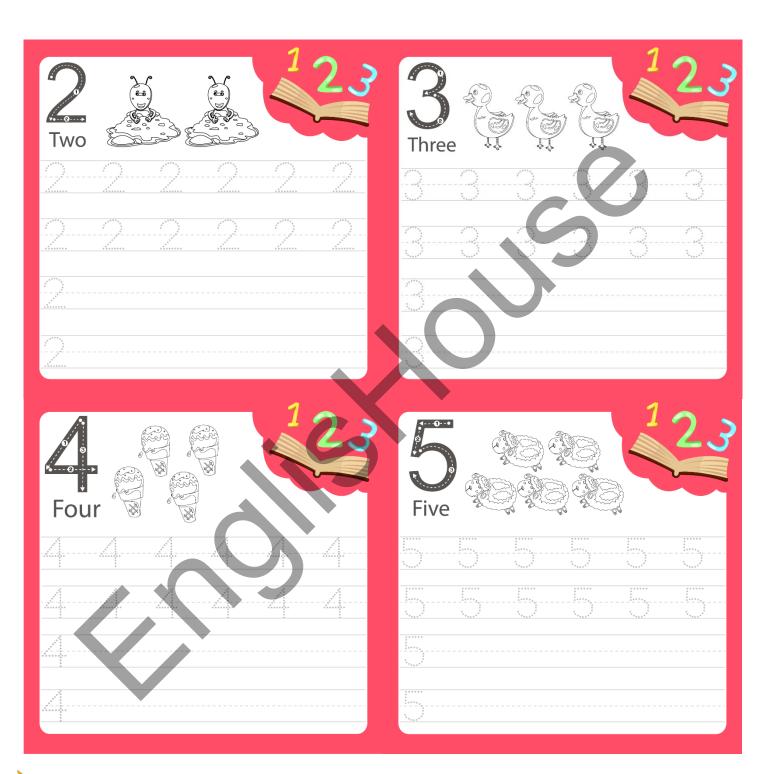


Look, trace and colour. Then write the numbers.





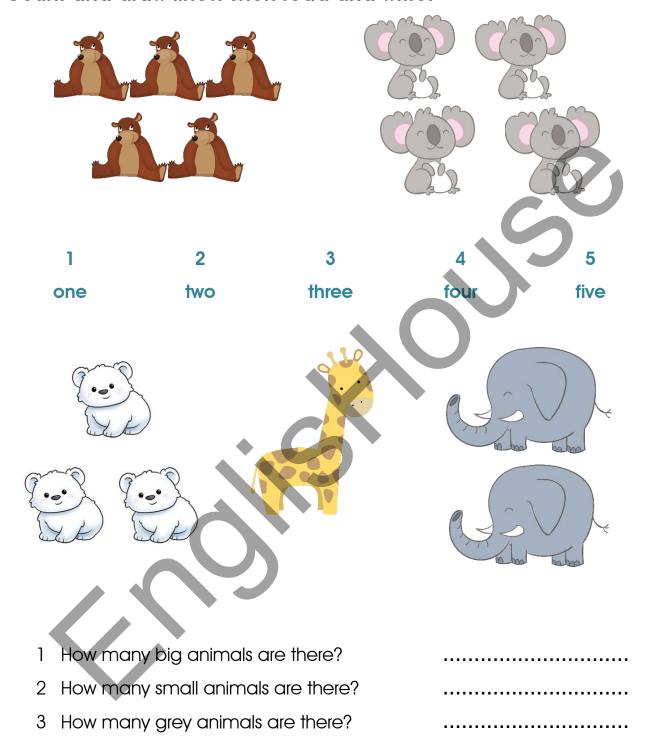








Count and draw lines. Then read and write.







Look and answer the questions about each group.

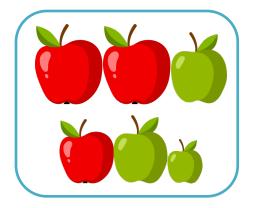
What are they?

What colour are they?

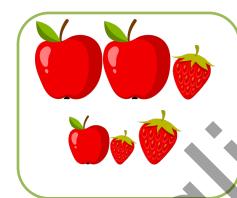
Are they big or small?

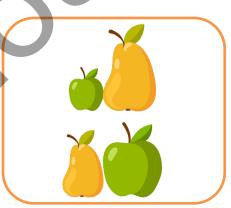
How many are the same size?

How many are the same colour?









Read, count and write.





doughnuts

purple things

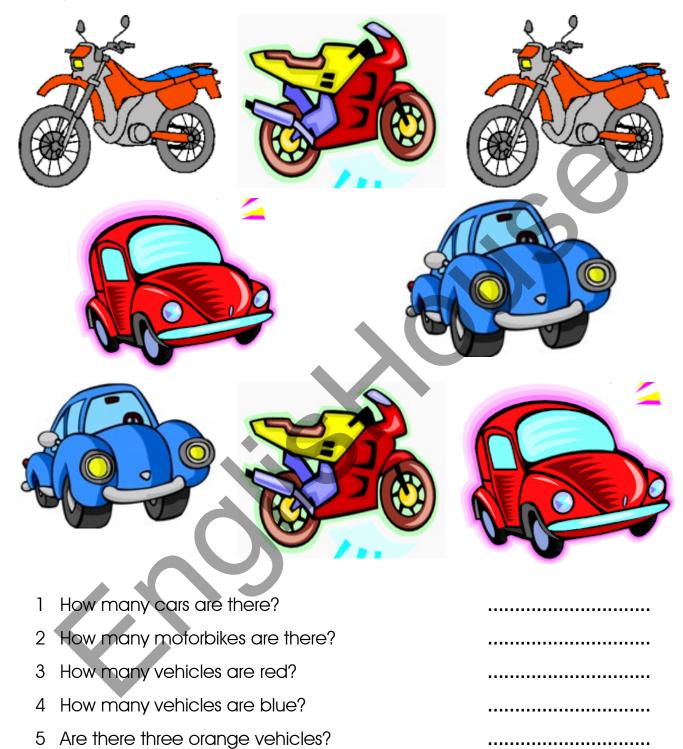
green things

cupcakes





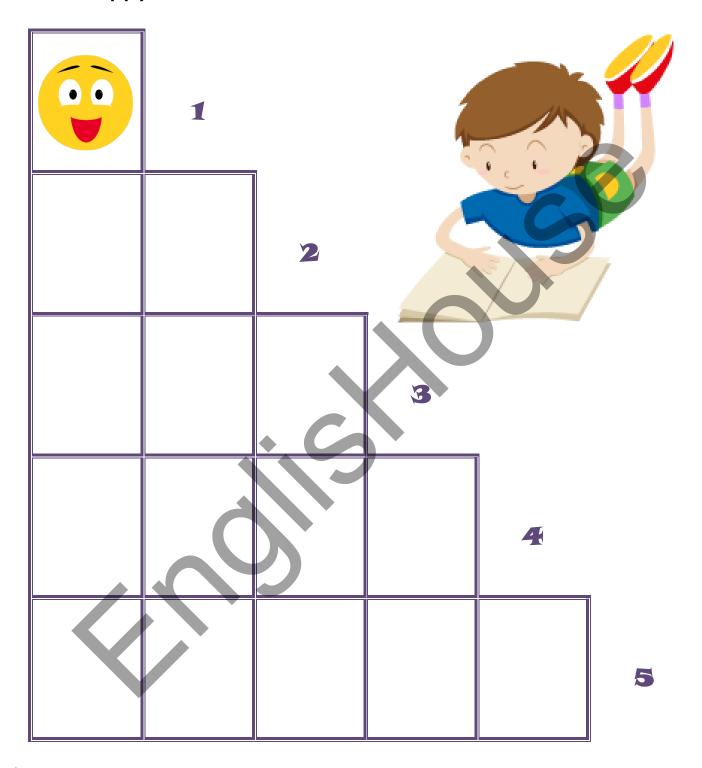
Read, count and write.







Draw happy faces to match the numbers.







When you put more elements into a group, it gets bigger. To know how many elements a new group has, you have to add the elements. This process is called **addition**.

Read, count and write.

We see 2 butterflies.

We see 4 more.

How many butterflies in all?

Charles has 5 colours.

Daniel has 3 colours.

How many colours in all?

I have 5 party hats.

Mum has 2 party hats,

How many party hats in all?

.....



These are the operations you have to write:

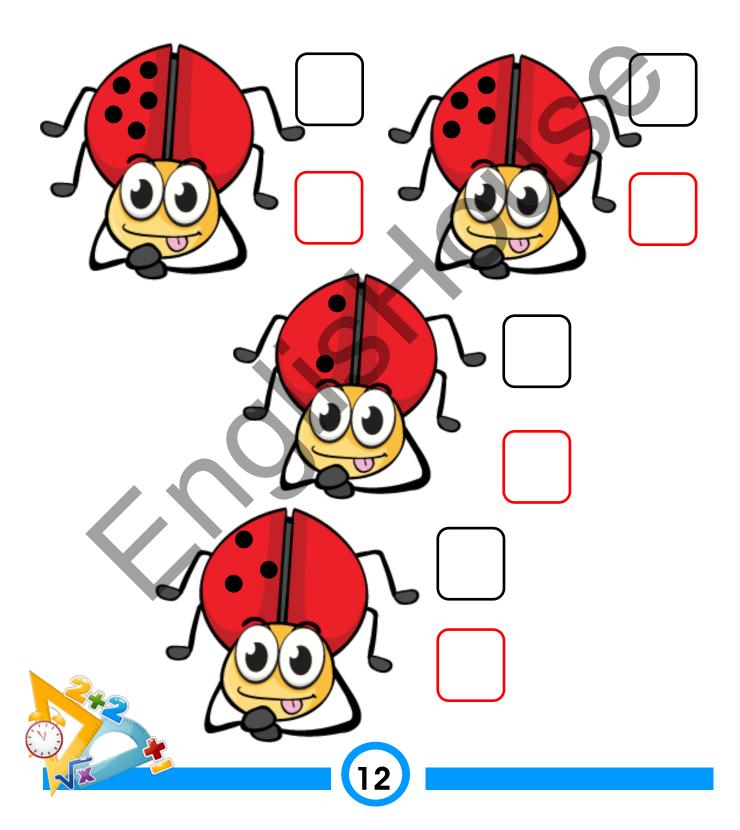
Butterflies Colours Party hats $2 + 4 = \dots 5 + 3 = \dots 5 + 2 = \dots$





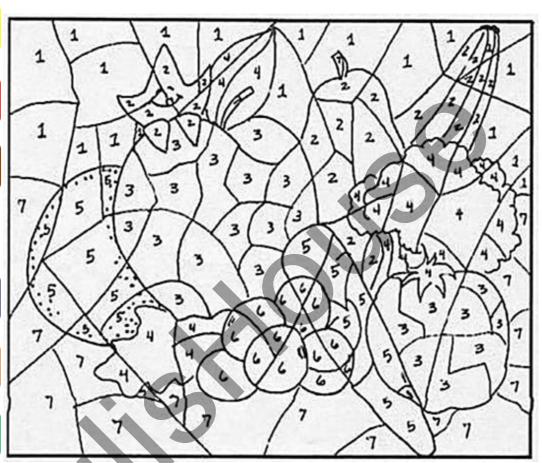
Draw spots to make matching pairs. Then count and write.

- Black box, number of spots before drawing.
- Red box, number of spots after drawing.





Solve the operations to find out what colour you have to use for each number. Then colour and write what you found with each.



1	With	the number	
	With	the number	

2 With the number

3 With the number

4 With the number

5 With the number

6 With the number

7 With the number

2 I found

I found

I found

__ I found

_ I found

I found

___ I found

a pear and a banana.

,_____

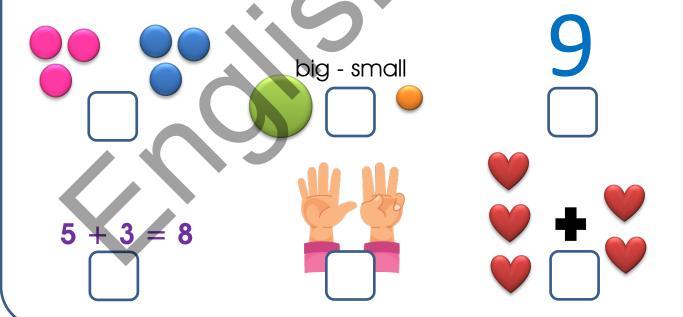




Read and match the words with the definitions. Then number the pictures.

- 1. number
- 2. count
- 3. sort
- 4. size
- 5. add
- 6. operation

- to separate things
- how large or small something is
- a math process
- to put something with something else
- a symbol representing a unit for counting
- to say the names of numbers one after another







Keep on counting



Read and answer the questions below. The singing class at our school has 11 boys and 7 girls.

- 1 How many students are there in all?
- 2 If 3 more students join the class this year, how many students will be?
- 3 If 4 boys and 3 girls are absent one day, how many students will be?
- 4 Which number is bigger, the number of boys or girls?
- 5 Which number is smaller, the number of girls or boys?

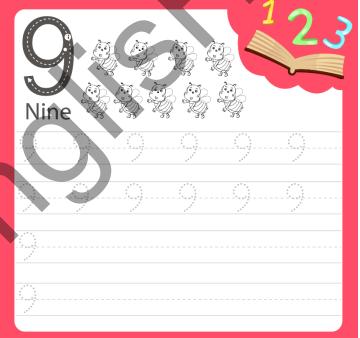
.....

Look, trace and colour. Then write the numbers.





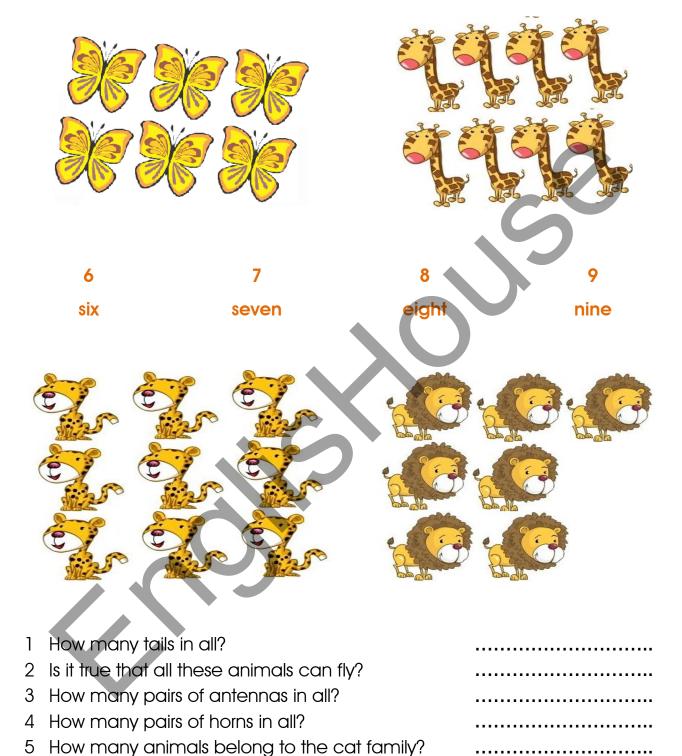








Count and draw lines. Then read and write.





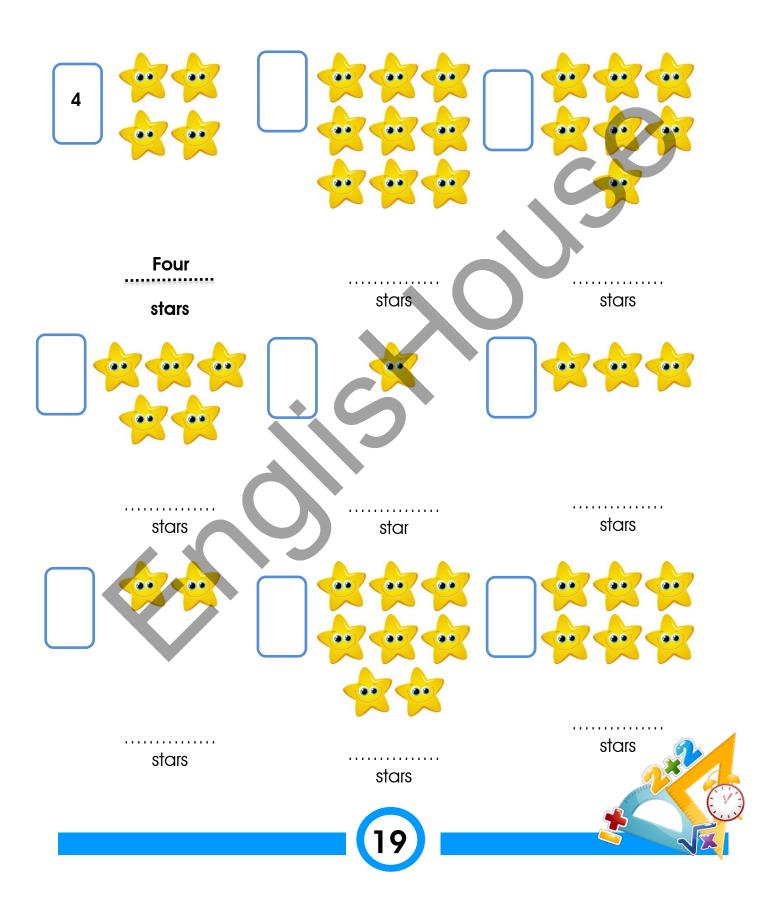


Count the hens and trace the numbers and the words.





Number the groups. Start with the group that has the smallest number of stars "1". Then write the numbers as words.





Count and draw lines to match the fishbowls that have the same number of fish. Then colour the fish with the same colour.





Read, colour and draw spots. Then answer the questions.

This dog is grey and has three spots on its body.

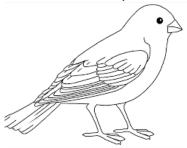


This bird is yellow and has six spots on its body.



This horse is brown and has one spot

This cat is orange and has two spots on its tail.



This butterfly is pink and has two spots on each wing.



This frog is dark green and has seven brown spots on its body.



1 How many spots does the horse have?

2 How many spots does the butterfly have?

3 How many spots do the dog and the cat have together?

4 How many spots do the frog and the bird have together?



Count and write how many colours each boy bought.

Mark bought colour pencils.

Daniel bought colour pencils.





Pat bought colour pencils. Sandra bought colour pencils.





Sam bought colour pencils. • Rene bought colour pencils.





1 Who has the biggest number of colour pencils? 2 Who has the smallest number of colour pencils?

3 How many colour pencils do Sam and Sandra have together?

4 How many colour pencils do Mark and Daniel have together?

5 Who has more than seven colours?

6 Who has fewer than seven colour pencils?





Read and colour. Then count and write.

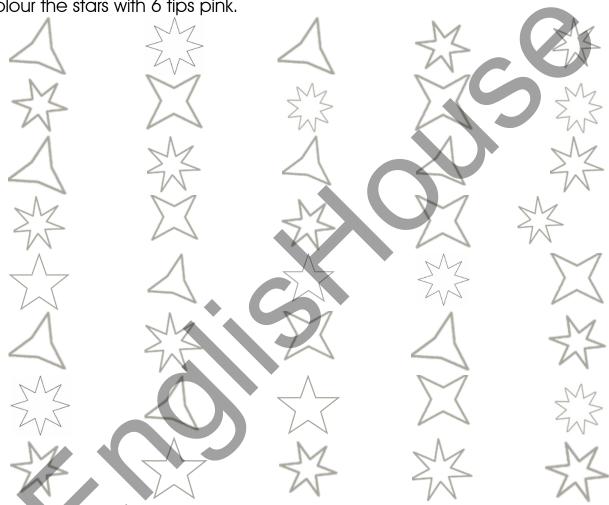
Colour the stars with 3 tips yellow. Colour the stars with 7 tips purple.

Colour the stars with 4 tips blue. Colour the stars with 8 tips green.

Colour the stars with 9 tips red. Colour the stars with 5 tips orange.

Colour the stars with 6 tips pink.

Number of pink stars:



nulfibel of yellow stats	Number of pulpie stats
Number of blue stars:	Number of green stars:
Number of orange stars:	Number of red stars:



Read and match the words with the definitions. Then number the pictures.

- 7. how many
- 8. match
- 9. group
- 10. together
- 11. more
- 12. fewer

- a number of people or things put together
- a larger or an extra number or amount
- a smaller number of something countable
- to join two things which are equal or very similar
- combined or at the same time
- used to get information about quantity







Ordering and comparing



Read and answer the questions.

Karina built a small house with wood sticks. Now she wants to decorate it.

She needs 12 stickers. She found 3 stickers in her pencil bag. She found 2 stickers in her toy box. And her mum bought her 4 more stickers.

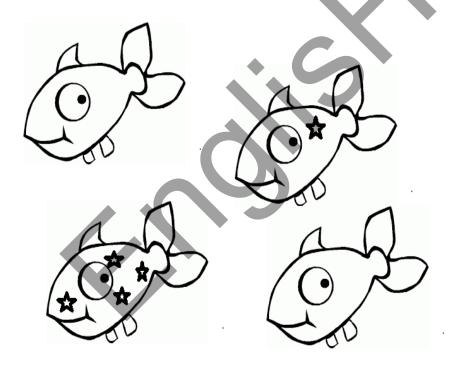
Does Karina have enough stickers to decorate her small house?

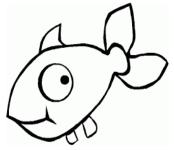
How many more stickers does she need?

When did Karina get more stickers?

If she wanted to decorate her small house with 15 stickers, how many more stickers would she need?

Colour the fish that have no stars.







How many fish have no starts? fish have stars.



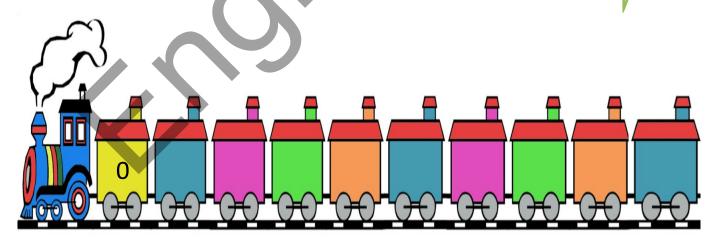


Write the missing numbers. Then draw dots to match them.

0 __ 2 3 __ 6 __ 8 __

Order the numbers from 0 to 9.

8 6 2 4 0 7 9 3 5 1

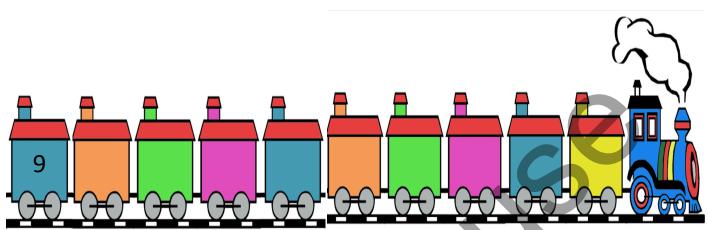




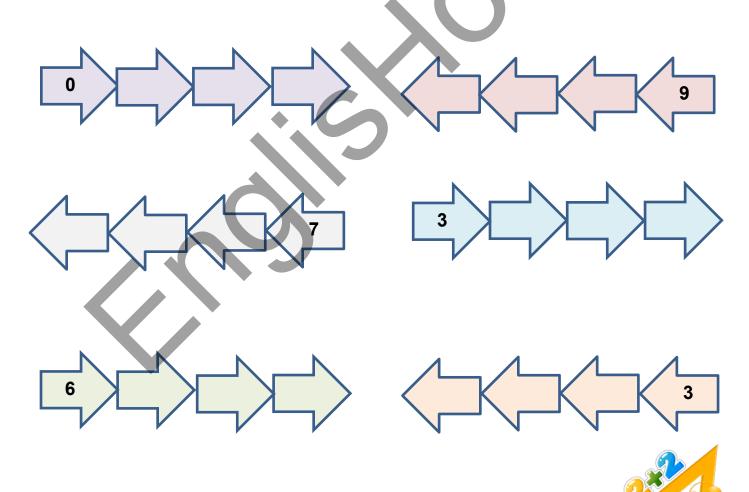


Order the numbers from 9 to 0.

8 5 2 9 6 3 1 4 7 0



Write the missing numbers.





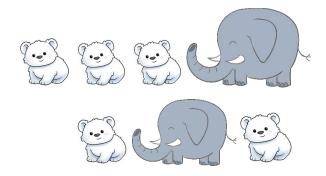
Look, count and write numbers. Then put a tick in the box below the picture that has more shoes and a cross below the picure that has fewer shoes.





Read and choose a word to complete the sentence.

fewer more There are bears than elephants.



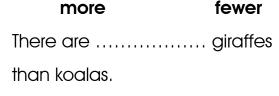
less more

5 is than 2.

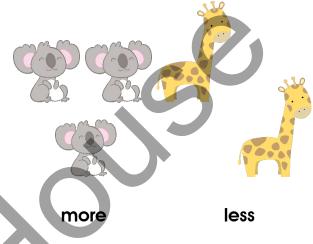
Look and write the correct number.

How many squares are in the biggest box?_

Cross out the box which has more than 2 stars.



fewer



2 is than 6.









Look at the dice and write the number of dots each side has.

This side has dots.

Read and complete the sentences about the dice.

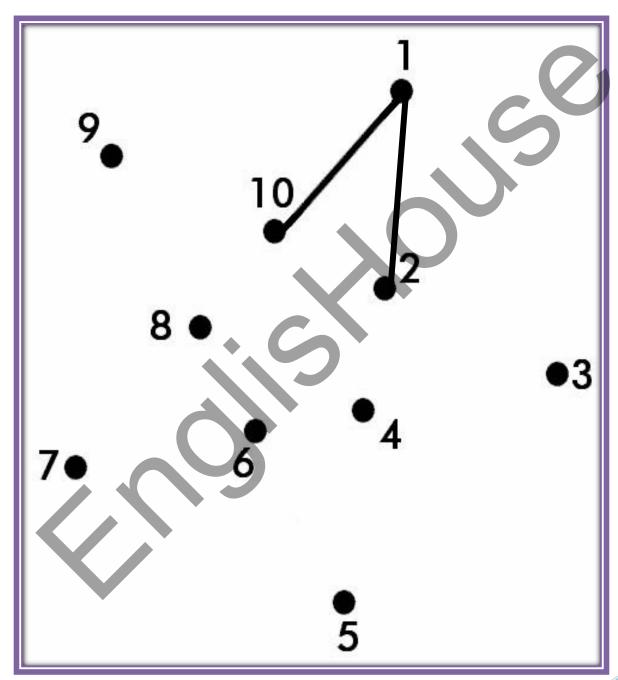
Title side has more dois man the blue side.
2 The side has fewer dots than the blue side.
3 The side with the biggest number of dots is the side.
4 The side with the smallest number of dots is the side.
5 The order of the numbers is the <u>green</u> side with dots, then the side with dots and finally the side with
dots.





Join the numbers following the order. Then write what picture appeared and colour it.

This is a / an







This is a / an

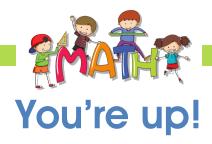




This is a / an







Read and match the words with the definitions. Then number the pictures.

- 13. order
- 14. ...from ... to
- 15. missing
- 16. cross out
- 17. less
- 18. join

- connect / bring things together
- You use it to say something is not there.
- a smaller amount
- to arrange a group of things
- to draw lines on something
- You use it to say where or when something starts and finishes.

















Let's add



Read and choose the correct answer. Write it on the dotted line.

a) 12

b) 6

c) 5

It's 2 o' clock in the afternoon and you are going to the cinema in 4 hours.

What time are you going to the cinema?

.

My brother and I have 12 videogames. 7 of those videogames are mine, how many are my brother's?

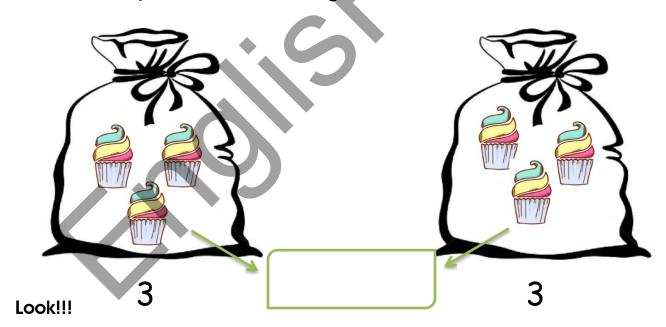
.

Jane found 3 yellow flowers.

Each flower had 4 petals.

How many petals are there in all?

Count the cupcakes in each bag to find the total number.



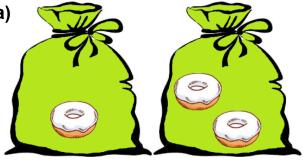
three	plus	three	equals	6
3	+	3	=	6





Add to make the total. Write in letters and numbers

a)





plus	=	

plus

d)













Read, draw, count and write.

Draw 2 more slices of cake and do the math.





2

plus

is



Draw 3 more cakes and do the math.



1

plus



is



Draw 4 more cookies and do the math.





6

plus



is



Draw 5 more cupcakes and do the math.



1

plus



is



Draw 6 more ice cream cones and do the math.



4

plus



is







The sign + means **add** or **plus** and the sign = means **equals**.

You can use these mathematical symbols to make totals.









1 and 3 makes 4.

$$1 + 3 = 4$$

There are four people in this picture.

2 and 2 makes 4.

$$2 + 2 = 4$$

There are four people in this picture.

Count and write. Then do the math.











Count and write. Then do the math.

a) 1 1 2 3 4 5

1 + 5 = 6

b)

+ =

c)

+ =

d)

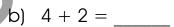
+ =

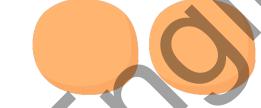
e)

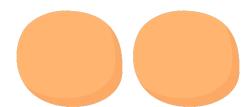
+ =

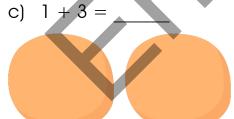
Draw chocolate chips on the cookies to illustrate the operations.

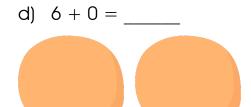
a) 5 + 3 =_____













Read and colour.

1 more than 4 is _____.



1	2	3	4	5	6

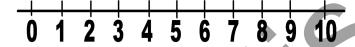
Now count on a number line.

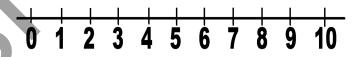
2 more than 4 is .



a) 1 more than 2 is _____.

d) 2 more than 6 is _____.

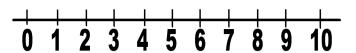




b) 1 more than 3 is

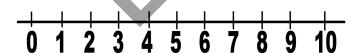
e) 3 more than 7 is _____.

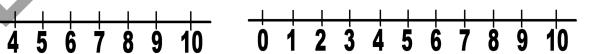




c) 1 more than 4 is

f) 4 more than 3 is .





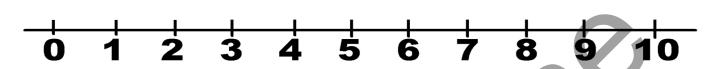


Read and use the number line to find the answer.

3 more than 4 is ____.

4 plus 3 is ____.

4 + 3 =_____ .

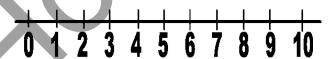


Use the number lines to answer these math questions.

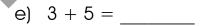
a)
$$1 + 3 =$$

d)
$$7 + 1 =$$

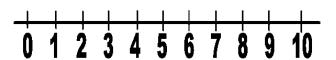




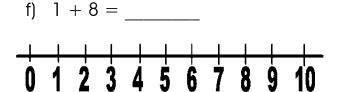
b)
$$4 + 2 =$$







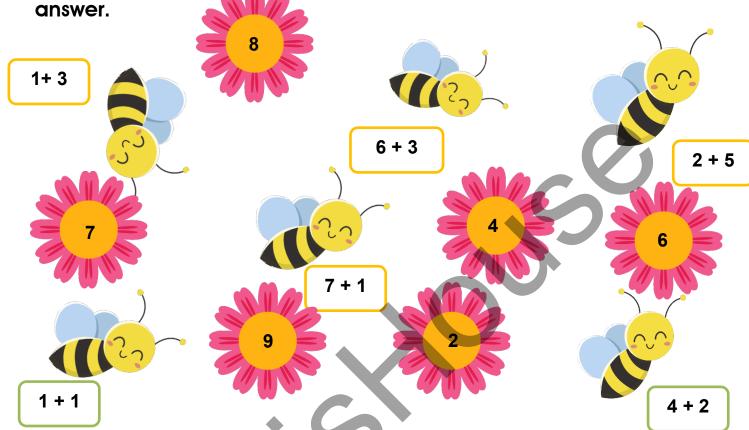








Look and draw lines to join each bee to the flower with the correct



Find the missing numbers.



Read and complete the math statements. Then find the operations in the puzzle.

+ 1 2 + 2 1 + 2 2 + 2 2

+ 4 + 2 = 6 7 = 5 7 1 +

 $1 \quad 2 \quad 1 \quad = \quad + \quad 3 \quad + \quad 2 \quad = \quad 5 \quad = \quad 3$

+ 5 1 + 3 = 4 + + 7 5 3

6 5 = 1 + 8 = 9 + + 1 +

6 = 5 4 5 6 + 3 = 9 3

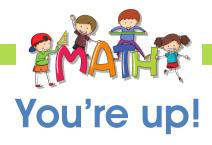
 $1 \quad 3 \quad + \quad 6 \quad = \quad 9 \quad 1 \quad 2 \quad 1 \quad = \quad + \quad 3$

+ = 1 1 + 1 = 8 + 1 +

 $6 \quad 4 \quad 3 \quad 2 = 2 \quad 0 \quad + \quad 1 = 1 \quad 3$

1 5 + 5 1 + 4 4 + 4 + 3

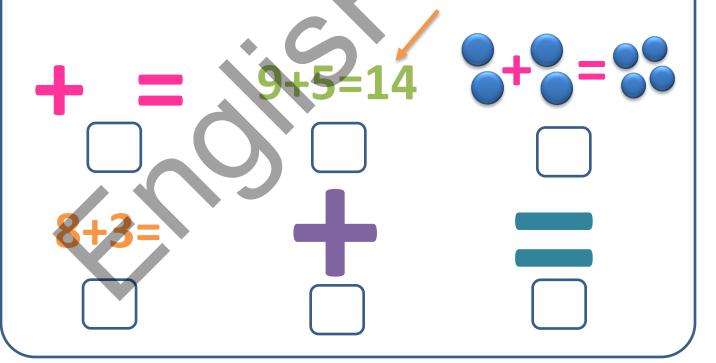




Read and match the words with the definitions. Then number the pictures.

- 19. plus
- 20. equals
- 21. total
- 22. do the math
- 23. sign
- 24. illustrate

- make calculations
- to exemplify a math or word problem by using pictures, drawings, colours, etc.
- It is a math symbol that shows a result.
- It is a symbol and it has a meaning.
- It is the result of a math operation.
- It is a math symbol that means add.







Subtraction



Read and look at the pictures. Then answer the questions.

Susan wants to invite her friends to eat pizza.

She wants to know how to cut it because she wants to eat some more at night with her mum.

- 1) If Susan invites two friends and each kid eats one slice, how many slices will be left?
- 2) If Susan invites two friends and each kid eats two slices, how many slices will be left?

Read and look. Then answer the questions.

How many pandas are there?

How many pandas are there?







pandas minus panda is 2 pandas.

3 - 1 =





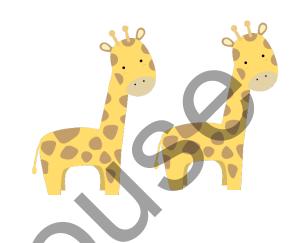
Read and look. Then count and complete the math statements.

a) 6 minus 1 is _____ .

d) 2 minus 1 is _____ .



b) 4 minus 2 is ______.



e) 8 minus 2 is _____





















c) 7 minus 1 is ______.

f) 9 minus 2 is _____.











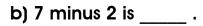




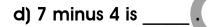


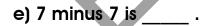
Read and look. Then count and cross out the balloons that you take away.

a) 7 minus 3 is _____ .















Time to count back!

Read and colour.

3 less than 8 is $_{---}$.



0	1	2	3	4	5	6	7	8	9	10

Use the number track to find the answers.

0	1	2	3	4	5	6	7	8	9	10

a) 1 less than 6 is _____ .

d) 2 less than 4 is _____ .

b) 1 less than 7 is _____.

e) 1 less than 2 is _____ .

c) 2 less than 8 is

f) 2 less than 9 is ____ .

Now count on a number line.

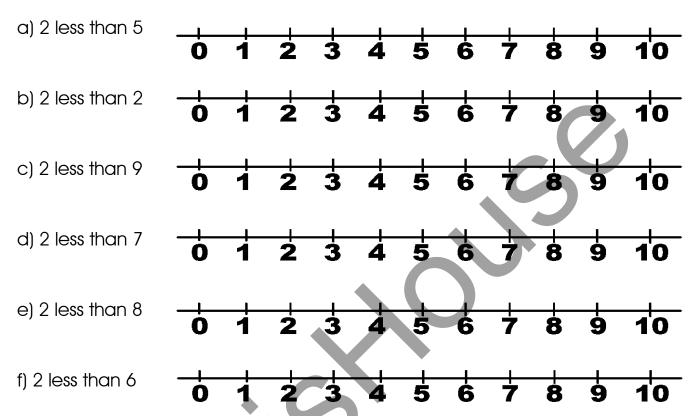
5 less than 8 is _____.





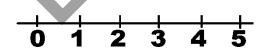


Read, count back and draw the jumps you make.



Read and illustrate the solution to the word problem using the number line.

Emma has got 4 books. She gives 2 books to Tom. Emma has got 2 books now.







The sign - means **subtract** (minus).

You can use this mathematical symbol to find the difference between two numbers.

Look and cross out to match the subtractions and write the answers.

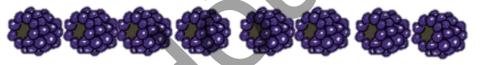
a) 7 - 2 = ____



b) 4 - 2 = ____



c) 8 - 3 = ____



d) 9 - 3 = ____



e) 5 - 2 = ____



f) 6 - 2 = ____



g) 1 - 1 =



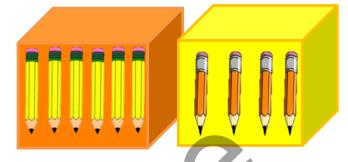




Read and complete. Then compare the images and find the

difference.

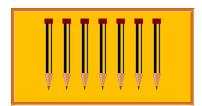
There are ____ pencils in the orange box. There are ____ pencils in the yellow box.

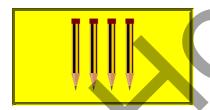


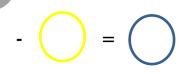
How many more pencils are there in the orange box?

Write how many pencils are in each box. Then answer the question below.

How many more pencils are there in the orange box?





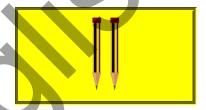


There are



more in the orange box.



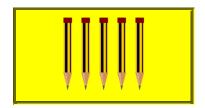




There are

more in the orange box.







There is

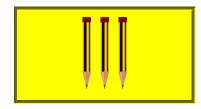


more in the orange box.









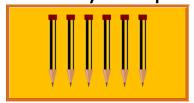


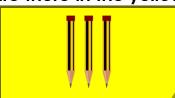
There are



more in the orange box.

Write how many pencils are in each box. Then answer the question below. How many fewer pencils are there in the yellow box?







There are



fewer in the yellow box.





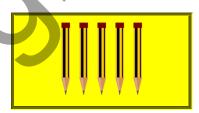


There are



fewer in the yellow box.







There are

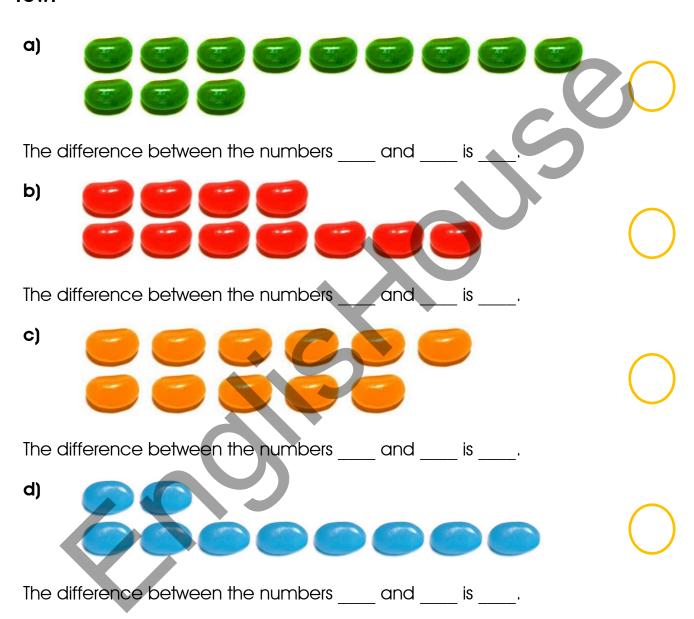


fewer in the yellow box.

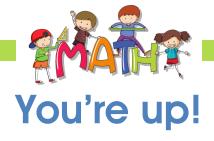




Find the difference between the numbers of jelly beans in each row.



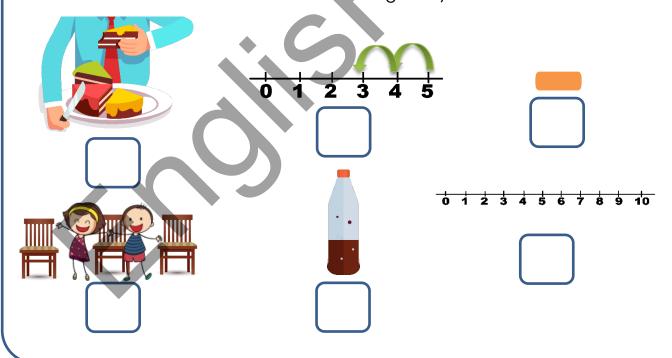




Read and match the words with the definitions. Then number the pictures.

- 25. be left
- 26. minus
- 27. subtract
- 28. take away
- 29. number line
- 30. difference

- It is the result you get when you do a subtraction.
- It is something nobody used,
- It is a line with numbers you can use to add or subtract.
- It is the word you say when you take away a number from another.
- It's a way to say minus or subtract.
- action of taking away a number from another







Work it out



Read and answer the questions.

Maria and Jose woke up early in the morning to help their dad on the farm. They wanted to collect eggs.

For the first basket, Maria collected 5 eggs and Jose collected 4 eggs. Then their mum came and used 2 eggs.

For the second basket, Maria collected 3 eggs and Jose collected 7 eggs. Then their mum came again and used 5 eggs.

How many eggs were left in the first basket?

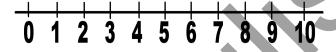
How many eggs were left in the second basket?

Use the number lines to help you (to) add and (to) subtract.

$$2 + 1 = \dots$$

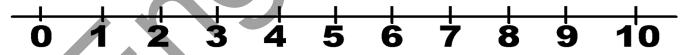
Count on







Use the number line to answer these.



a)
$$7 + 3 = \dots$$

d)
$$3 - 2 = \dots$$

g)
$$5 + 5 = \dots$$

b)
$$8 - 6 = \dots$$

e)
$$7 + 2 = \dots$$

h)
$$6 + 1 = \dots$$

c)
$$0 + 4 = \dots$$

f)
$$4 + 4 = \dots$$

i)
$$2 - 1 = \dots$$





Use the number line to answer these.

 0
 1
 2
 3
 4
 5
 6
 7
 8
 9
 7

 +
 3
 +
 3
 0
 5
 4

......

What is a trio?

A trio is a set of numbers that make addition and subtraction families.

7, 5 and 2 make a trio.

Addition

$$5 + 2 = 7$$

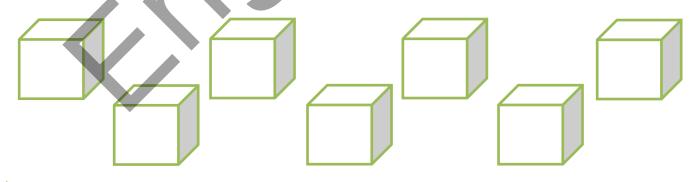
$$2 + 5 = 7$$

Subtractions





Use the boxes to count and check that the operations above are correct.







Use the trios to complete these additions and subtractions.

a) 8 + 1 =

1 + = 9

9 - 8 =

..... - 1 = 8

8 1

9

b) + 1 = 4

1 + = 4

4 - 1 =

4 - = 1

3 1

c) + 2 = 8

2 +

8 - = 2

8 - 2 =

2 6

Complete these additions and subtractions. Then write the trios.

a) + 5 = 9 + 4 = 9

9 - = 4

9 - = 5

b) $4 + \dots = 7$ $\dots + 4 = 7$ $7 - 3 = \dots$

7 - 4 =









Colour to match additions and subtractions from the same trio.

$$7 - 3 = 4$$

$$6 - 1 = 5$$

$$7 - 4 = 3$$

$$6 - 5 = 1$$

$$5 + 1 = 6$$

$$3 + 4 = 7$$

$$1 + 5 = 6$$

$$4 + 3 = 7$$

Complete the number chain.

$$..... + 1 = 7$$





Colour the fish you need to complete these additions and subtractions.



$$9 - 3 = \dots$$

$$9 - 5 = \dots$$

$$4 + 2 = \dots$$

$$7 - 1 = \dots$$
 $1 + 6 = \dots$ $7 - 6 = \dots$







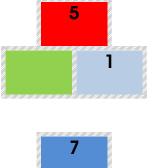
Read, look and write the missing number.

The top number is the total of the numbers below.

$$3 + 6 = 9$$

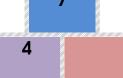














Addition

5	+		=	8	
		+		+	
		3			
		=		=	

			i a a	
3	+		II	5
+				
	=	5		

6	+	II	8		
			+		
2		+	2	II	4
+			II		+
					4

2	+	1	=	
				+
	+	1	=	2
	1			_
				=

6	+
+	
3	
II	

0

2

1

	8				
	+	•	•		
	1	+		TI ,	6
4	T.				
		+	1	=	

Write the missing numbers.

Subtraction

					+
				Ĺ	
	•	5	II	4	1
•					\
3	-		=	1	
=					-
	-	3	Ш		

8	•	4	Ш		
				3	
=		=		=	
7		2		1	
6	•		Ш	1	
Ш					
	=	0			

•	1	=	
	=		
			0
	•		=
	5		2
	=		
	3		
		•	





Addition and Subtraction

9	-		=	6				6	-		=	1						
				+								+						
				=			1							1		V		=
				7	-		=	2				4	-			4		8
				+				+			_		_			+		-
2	+	1	=					4		5		8		6	+		II	
								=		-		+				=		
	+	5	=	10				6	-	4	=	2				4		
		-			ı					=		E						
		3				7	-	6	(=	1		10	-	5	=	5		
		=									•							
			+	7	=	9						5	-		=	3		
				+			~					=						=
					+	5	=					3						5
				=		4		-				+						+
				10				6	-	4	=			10	-	10	=	0
								=				+				=		
5	+	4	=		-	7 <						7		9	-		Ш	5
				-								=				+		+
		5	+	3	=	8						9	-		=	6		
				=			_1						1	<u> </u>				=
					+	2	=							10	-		=	8



You're up!

Read and match the words with the definitions. Then number the pictures.

- 31. trio
- 32. set
- 33, check
- 34. complete
- 35, number chain
- 36. puzzle

• to look and tell that something is correct. incorrect or complete

10

- a game you have to discover or find something
- It is a group of three numbers.
- a group of similar things
- It is a line of numbers.
- to finish doing something

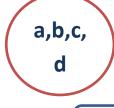
$$2 + 3 = 5 \checkmark$$

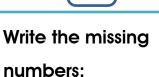












4 <u>5</u>



1,2,3,



Numbers to 20



Read and answer the questions.

Peter is learning to do football juggling.

He wants to break a record. The record is 20 kicks in one try.

In his first try, he kicked the ball ten times. In his second try, he kicked the ball sixteen times.

How many more times did he kick the ball in his second try?

How many more times does he need to kick the ball to get to twenty kicks in a row?

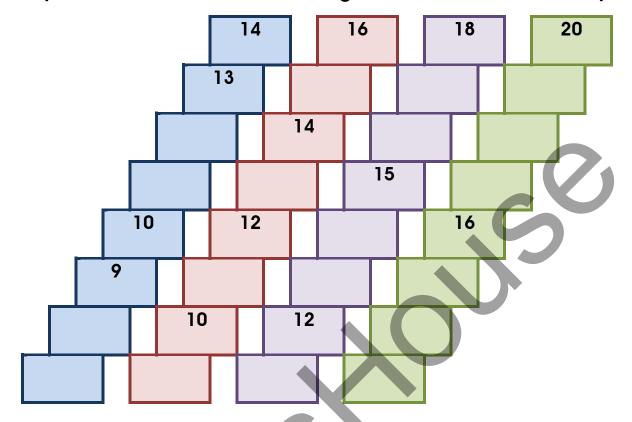
Look at the following table and practise spelling the numbers.

1	2	3	4	5
one	two	three	four	five
6	7	8	9	10
SiX	seven	eight	nine	ten
11	12	13	14	15
eleven	twelve	thirteen	fourteen	fifteen
16	17	18	19	20
sixteen	seventeen	eighteen	nineteen	twenty

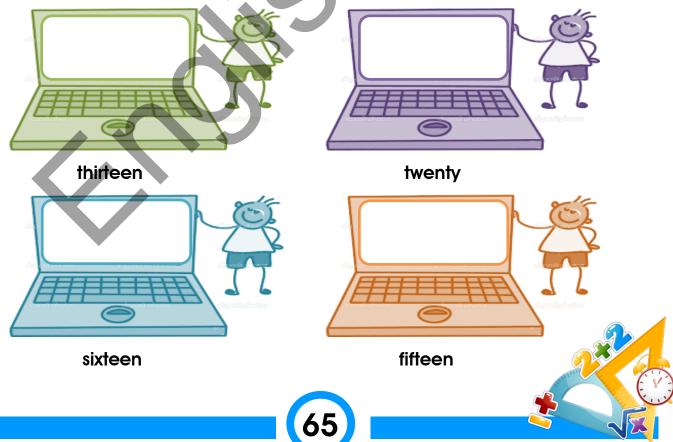




Complete the stairs with the missing numbers to reach the top.



Read and write the numbers on the screens.





1	2	3		5		7	8		10
11	12		14		16	17		19	

	2	4	
	7	9	
	12		
16		19	

Read and write the numbers.

There are eight kids standing in line. Two kids before number	
4 get out of the line.	
Which numbers are missing now?	
There are twelve bottles in a box. Bottles one and two are	
purple, bottles three and four are red, bottles five and six	
are purple.	
What colour are the bottles nine and twelve?	





Look, read and count to answer the questions.

You can group up figures in different ways: by colour, by shape and by size.



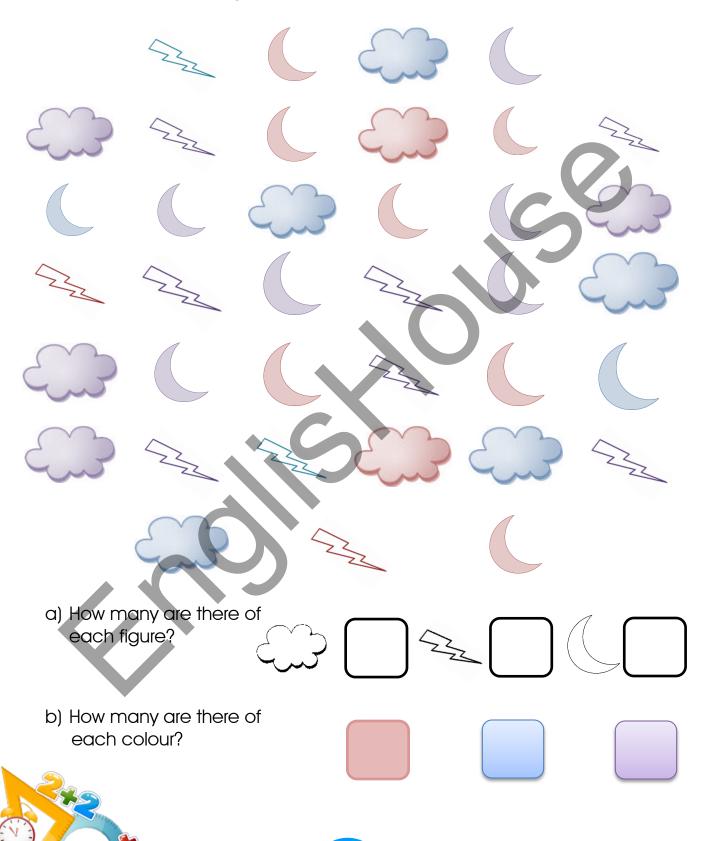
1 How many moons are there?
2 How many green clouds are there?
3 How many lightning are there?
4 How many small clouds are there?
5 How many blue moons are there?

6 Which figure has straight lines?





Look and answer the questions.





Count, draw and write.



- a) How many stars are there?
- b) Draw stars to complete twenty stars in total.

I drew more stars.

- c) Draw circles around groups of two stars.
- d) How many groups are there?





Tens and units

Read, draw and write.

I buy a bag of chocolates, but it only has ten chocolates. I need sixteen chocolates for my class.

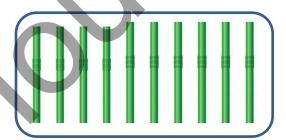
How many more chocolates do I need to complete sixteen?

				4		

Tens are shown as a number of two digits.

They can also be shown as groups of tentobjects all together.

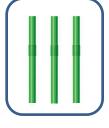
The image on the right shows one ten.

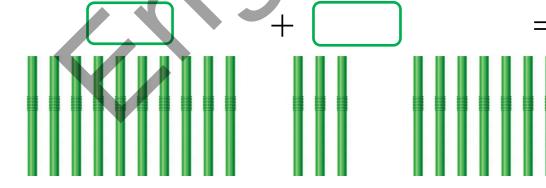


Units express all those numbers by digit.

The image on the right shows units.

When you join tens and units, you get bigger numbers.

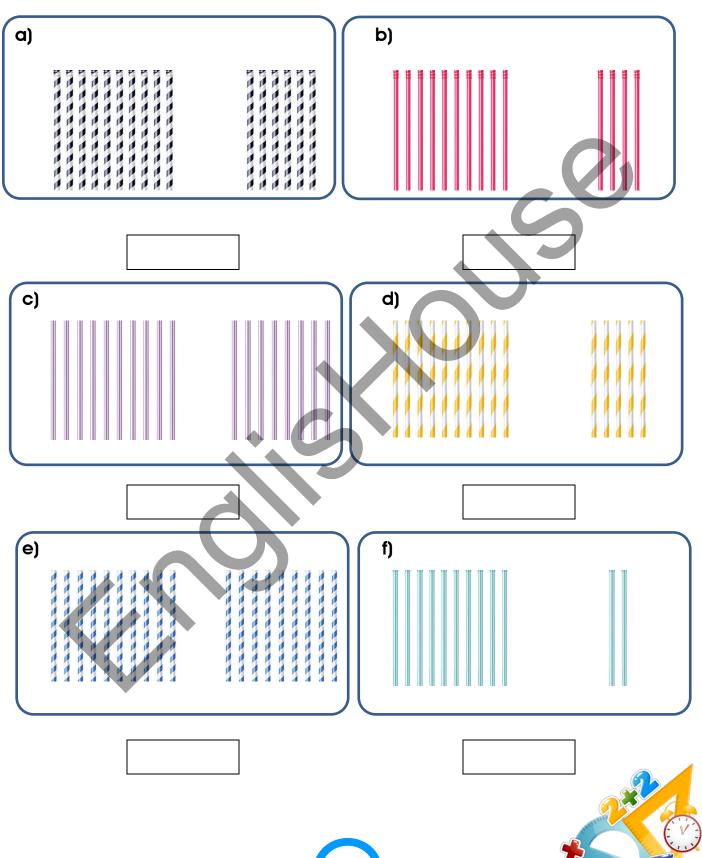








Count the straws. How many straws are there in each box?





Write the numbers you can get from the tens and units.

Write the numbers on the sign posts to show the tens and the units.

a) b) c) d)
15 12 19 17





Comparing and ordering

Read and answer the question.

Some kids are writing their ages on the board. Peter is fourteen years old and Pat is eleven years old. Who is older?



Read and look.

The number fourteen has tens and units.

14 is 10 and 4

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

1 2 3 4

The number eleven also has tens and units.

11 is 10 and 1

C)

14 is greater than 11

14 is larger than 11

11 is <u>less than</u> 14

11 is smaller than 14

Look, count and complete the sentences with "larger than" or "smaller than."

- a) 1 2 3 4 5 6 7 8 9 10
- 1 2 3

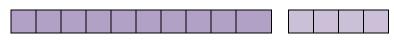
13 is 15

- 1 2 3 4 5 6 7 8 9 10
- 1 2 3 4 5
- b)

16 is _____12

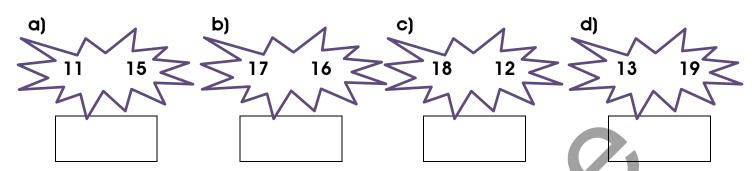


___ is ____

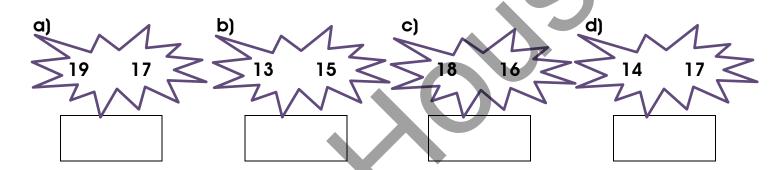




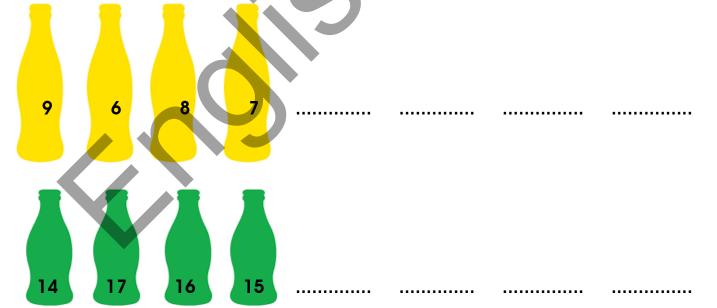
Which numbers are larger?



Which numbers are smaller?



Order the numbers. Start with the smallest.







You're up!

Read and match the words with the definitions. Then number the pictures.

37. before

• any number 0 to 9

38. figure

• a whole number less than 10

39. digit

• put things by size, weight, colour, etc.

40. tens

a shape

41. unit

• back in time or place

42. order

• groups of ten units

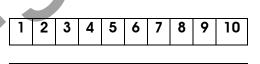
0, 1, 2, 3, 4,

5, 6, 7, 8, 9



















Numbers 50 - 99



Read and answer the question.

Lucy buys a new colour every day. She has twenty colours already.

How many colours will she have in two weeks?	
--	--



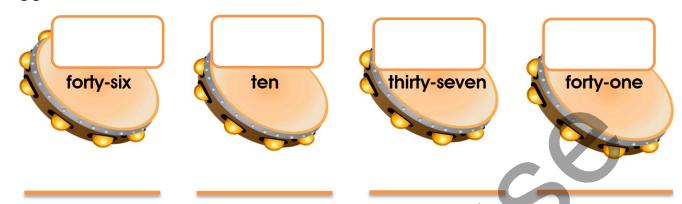
Look and write the missing numbers. Then read them out.

1	2	3		5	6		8	9	10
1	12	13	14	1	1	17	18	19	2
21	22	2	24	25	26	27	2	29	0
1	32	33	34	5	36	37	38	9	40
41	42	4	44	45	46	4	48	4	50





Read and write the numbers. Then order them from the smallest to the biggest.



Draw lines to join the numbers with the words.



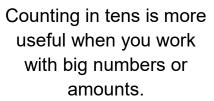


Tens

Read and answer the question.

Jake receives ten pesos for every back pack that he sells.

How much money does he receive if he sells six back packs?



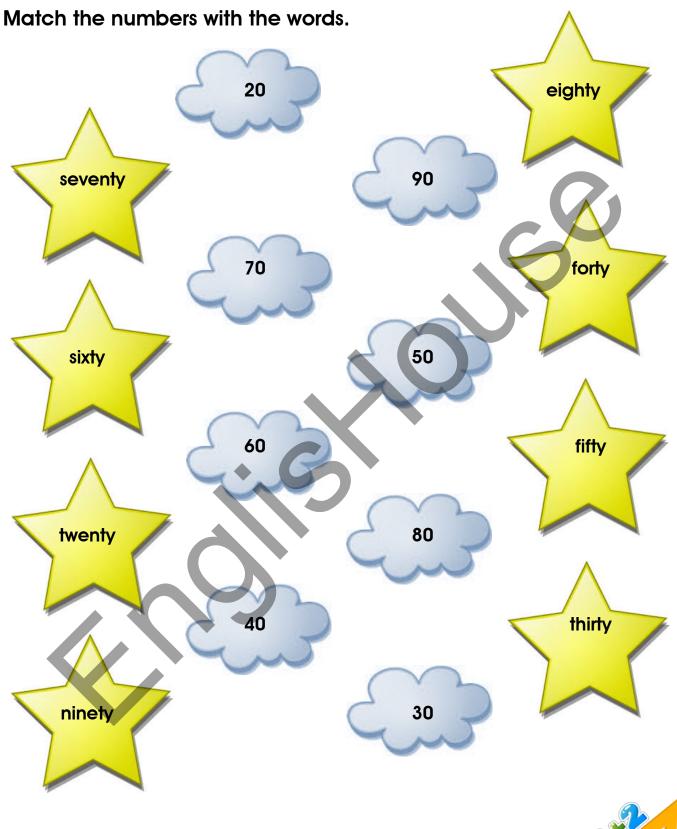


Read and write the numbers. Then spell the number words to a friend.

ten	twenty	thirty fo	rty fifty
sixty	seventy	eighty	ninety

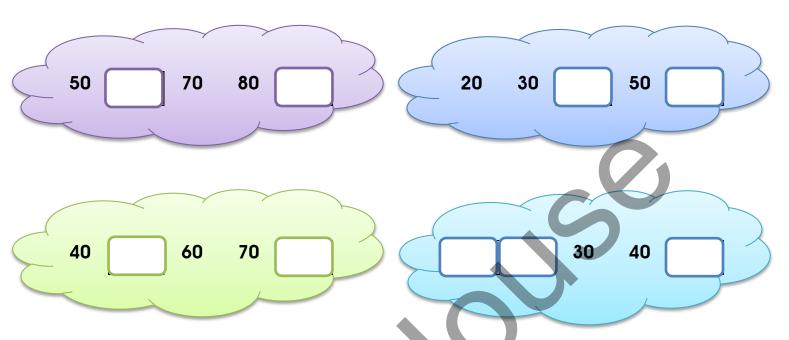




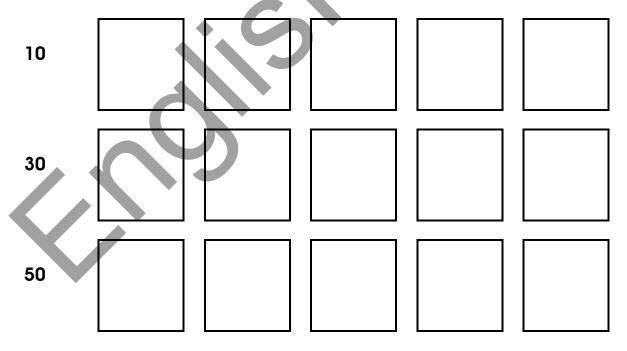




Complete the sequences.



Use the prompts below to interview some friends and write the numbers. What tens number goes after ...?



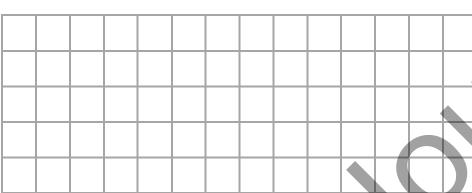




Read and answer the question.

Kate's teacher is thirty-six years older than Kate's best friend. Kate's best friend is 6 years old. Kate is 3 years older than her best friend. How old is the teacher? How old is Kate?







Look and read out the numbers.

Counting to 99 is easy. Once you count up to twenty, you have to say the tens number followed by the units.

twenty +	\rightarrow one
thirty	⇒two
forty	→ three
fifty	⇒ four
sixty	≥five
seventy	[≥] six
eighty	≥seven
ninety	¹ eight
	nine

- 21 twenty-one
- 22 twenty-two
- 23 twenty-three
- 24 twenty-four
- 25 twenty-five
- 26 twenty-six
- 27 twenty-seven
- 28 twenty-eight
- 29 twenty-nine

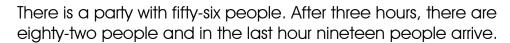


Write the numb	ers as w	ords.						
a) 46				b) 83				
c) 54				d) 25				
Write the next n	umber v	words	as nu	mbe	rs.			
a) sixty-five		b) forty	-one			c) thirty	/-seven	
d) seventy-six		e) eigh	ty-thre	e [f) twen	ty-nine	
Order all the nu	mbers f	rom th	ne pre	viou	s ac	ctivity. Sto	art from t	he
smallest.								
Numbers:								
Words:			.1					
Join the numbe	rs with t	he wo	rds by	, col	ourir	ng boxes	S.	
There is one exam	ple.)						
sixty		20	60		50		fifty-r	nine
thirty-six							forty	-six
fifty-two	46	5	9	24		87	thirty-	
twenty-four				7 -			twei	
eighty-seven		52	33		36		fift	У



Place value and the abacus

Read and answer the question.





How many people are there at the end of the party?

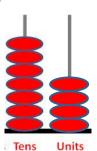
The abacus has units and tens. Each bead expresses one.

7 beads in the tens express 70.

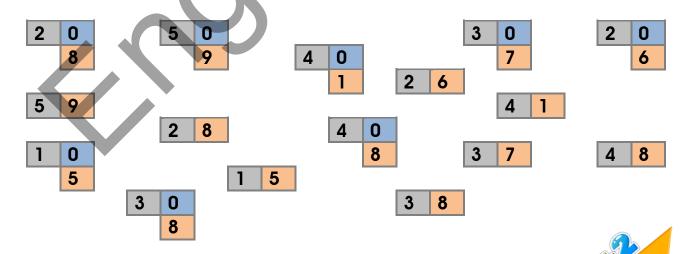
4 beads in the units express 4.

70 and 4 = 74

Seventy - four

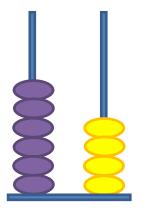


Join the figures with tens and units with the ones with numbers.

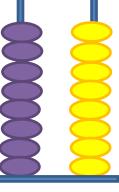


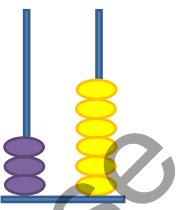


Count and write the number shown on each abacus.



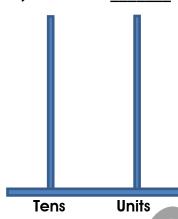






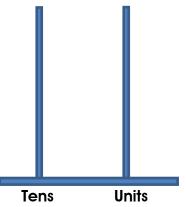
Tens Units

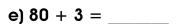
Look, answer and draw.

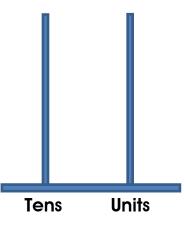


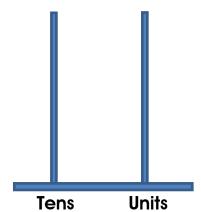


Units









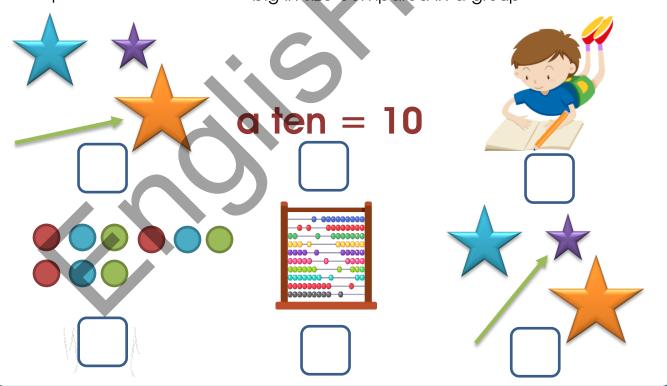


You're up!

Read and match the words with the definitions. Then number the pictures.

- 43. the smallest
- 44. the biggest
- 45. sequence
- 46. value
- 47. abacus
- 48. express

- the number that something represents
- a counting object with smalls beads
- little in size compared in a group
- the order that things follow
- write, draw or say something
- big in size compared in a group







Patterns and sequences

i	TAKE THE	2
• ••••	CHALLENG	F 🦰
	OHALLING	- 7

Read and answer the question.

There are six groups of numbers. The first group has the numbers 30, 31 and 32.

The second group has the numbers 40, 41 and 42. The third group has the numbers 50, 51 and 52.

What numbers do the groups four, five and six have?

Group four:	 	and		

Group five: _____, ____ and ____.

Group six: _____, ____and _____

In a sequence of numbers, you can go forwards or backwards.

In the next sequence, you count forwards. This way, you notice that the next number in the sequence is 49 and the number before 43 is 42.



43 4	4 4	5 46	5 47	48
------	-----	------	------	----

In the next sequence, you count backwards. This way you notice that the next number in the sequence is 61 and the number before 67 is 68.

67	66	65	64	63	62



Write the next numbers in each sequence.

a)

31	32	33	34		
----	----	----	----	--	--

b)

45 46 47 48	
-------------------	--

c)

23	24	25		

d)

27 20 25 24	27 26 25 24
-------------	-------------

e)

55	54	53		

f)

72	73 74 75	

g)

31	32	33	34	

h)

69	7	58	67	66	

Write the missing numbers.

a)

23	25	26

b)

88	86	84	

c)

33	32	30	Ò			
					1/1	, ,

d)



e)

		4			
	58	1	56	54	

f)

12	14	15	

g)

45	47	48	49	

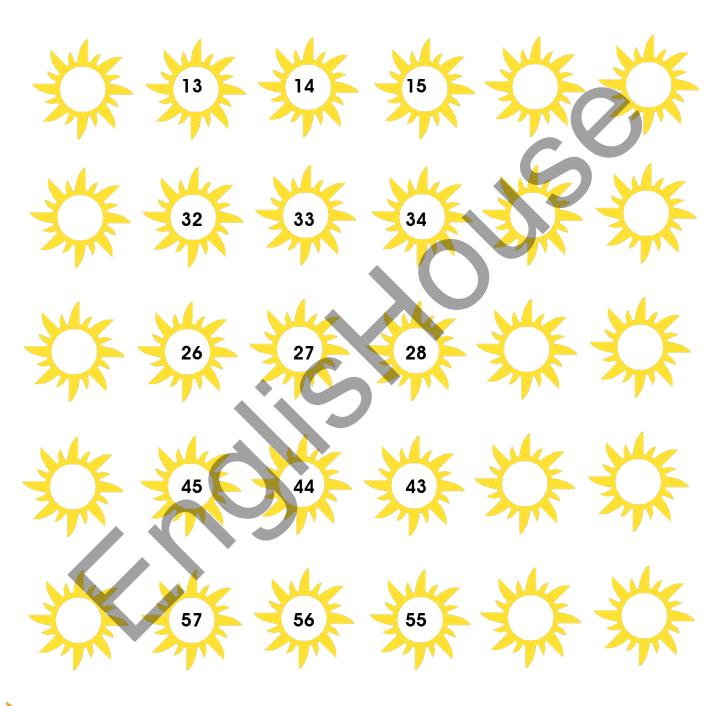
h)

28	27				23
----	----	--	--	--	----





Write the missing numbers.







Odd and even numbers

Read and answer the questions.

Lucy makes two groups of numbers. She is counting from 1 to 5. She puts one number to the left and one number to the right as she counts.

Which numbers go in the left group and which numbers go in the right group?



It is good that you know there are **even** numbers and **odd** numbers.

The blue numbers are even numbers - all the even numbers end in 0, 2, 4, 6, and 8.

The orange numbers are odd numbers – all the odd numbers end in 1, 3, 5, 7 and 9.

20	21	22	23	24	25	26	27	28	29	30
----	----	----	----	----	----	----	----	----	----	----

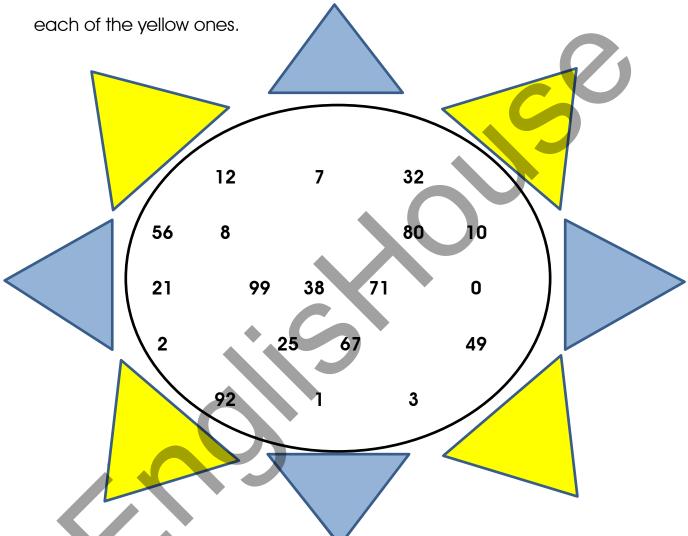




Read and circle. Then write.

1. Use a blue colour to circle the even numbers and a yellow colour to circle the odd numbers.

2. Write one even number in each of the blue triangles and an odd number in



Write the numbers in the star on the lines.

All even numbers:	
All odd numbers:	





Write the next odd number.

a) 21 _____

b) 14 ____

c) 17 ____

d) 9 -----

e) 3 -----

f) 11

Write the next even number.

a) 22 ------

b) 4 ----

c) 19 -----

d) 13 _____

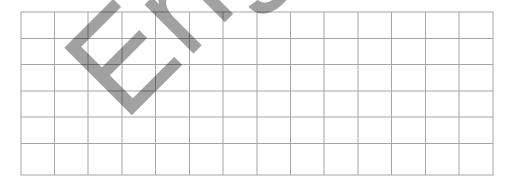
e) 15 _____

f) 14 ____

Patterns

Read and answer the question.

Eight of Pat's friends gave her 2 dolls each one. How many dolls does Pat have in total?









Complete the sequences.

a)	18	20	22	24	
b)	31	33	35	37	
c)	33	31	29	27	
d)	20	30	40	50	
e)	80	70	60	50	

Write the missing numbers.

a)	14		18			24	•	28
b)		37		41		45	47	
-,								
c)	29	27			21		17	
d)	90		70	60	50			
e)	68	66	64				56	

Look at the patterns and write the missing numbers.

a)	31	33			 41
b)	27		23	21	
c)	30		50	60	 80
d)	66	64	62		 56



Comparing and ordering

Read and answer the questions.

29 has fewer tens so it is smaller than 64.

Boy A has 29 jellybeans, all of them	
Order the numbers.	
The number sixty-four has tens and 64 is 60 and 4.	d units.
The number twenty-nine also has	tens and units.
29 is 20 and 9.	
64 has more tens so it is greater th	an 29. 64 is larger than 29.

29 is smaller than 64.



Write the numbers to make the sentences correct.

a) 36, 63 is greater than

b) 58, 85 is greater than

c) 22, 34 is greater than

d) 44, 53 is greater than

e) 27, 42 is greater than

f) 64, 46 is greater than

Compare these numbers and put them in order. Start with the smallest ones.

12 32 23 27 46 14

15 48 19 55 36 39

18 43 15 12 9 34





Compare these numbers and put them in order. Start with the smallest ones.

a) 43,	23,	83,	93,	33	 	 	
b) 37,	97,	67,	27,	17	 	 	
c) 60,	35,	49,	71,	24	 	 	
d) 25,	65,	75,	15,	35	 	 	

Order these numbers starting with the smallest ones. Then write the smallest and the largest numbers in the boxes.

	Smallest Largest number
a) 36, 22, 58, 47, 89	
b) 25, 17, 83, 44, 91	
c) 11, 17, 59, 21, 33	
d) 51, 19, 26, 35, 88	





Read and match the words with the definitions. Then number the pictures.

49. forwards something you do in a specific form to see something is there 50. backwards a number that cannot be divided by two 51. this way the direction that is behind a number 52, notice the direction that is in front of a number 53. even number a number that can be divided by two 54. odd number Follow the





The calendar



Read and answer the questions.

Roger plays soccer on Saturdays. He trains two days before and he goes to the zoo a day after he plays soccer.

What day does Roger play soccer?	
What day does he train?	
What day does he go to the zoo? _	

Look and read. Practise both complete and short forms.

WeekdaysMondayTuesdayWednesdayThursdayFridayMonTuesWedThursFri

Weekend

Saturday Sunday
Sat Sun



Write the day that comes before.

a) - Saturday e) - Sunday
b) - Tuesday f) - Wednesday
c) - Friday g) - Thursday
d) - Monday

Write the day that comes after.

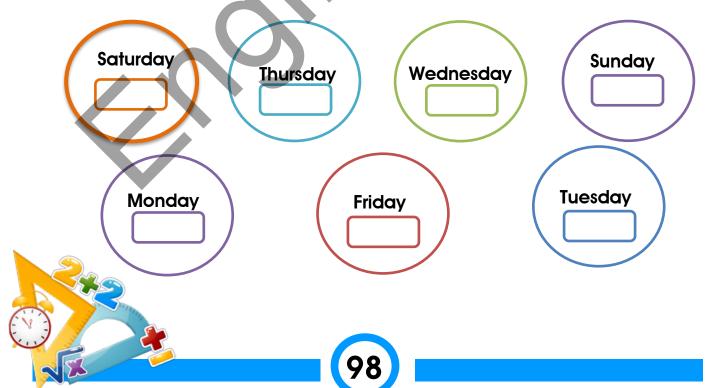
- a) Sundayb) Saturdayc) Thursdayd) Friday
- e) Monday
- f) Wednesday
- g) Tuesday



Complete the chart with the days of the week and the short forms. Then write an activity that you do on each day.

Days of the week	Short forms	Activity
S		
M		
Tuesday		
W		
Т		
F		
Saturday		

Number the days in the correct order. Then draw lines to join them. Do not cross over other lines.





Read and answer the questions.

Pat's birthday is in February, Anna's birthday is two months after Pat's birthday and the teacher's birthday is four months before Anna's birthday.

What month is Pat's birthday?

What month is Anna's birthday?

What month is the teacher's birthday?_____



Look and read. Practise both complete and short forms.

A year has twelve months.

January	February	March	April	May	June
Jan	Feb	Mar	Apr	May	Jun
July	August	September	October	November	December
Jul	Aug	Sep	Oct	Nov	Dec

Write the month that comes before.

a)	December	f)	– November
----	----------	----	------------

e) – September





Write the month that comes after.

a) July	e) May
b) February	f) September
c) March	
d) November	

Number the months in the correct order. Then draw lines to join them. Do not cross over other lines.

December	October	July	April
September	March	May	August
February	June	January	November





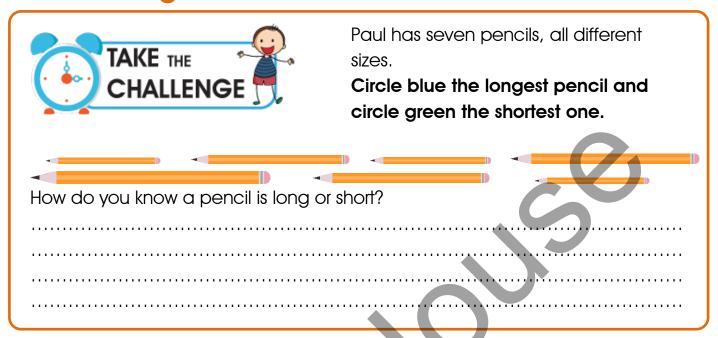
Read and match the words with the definitions. Then number the pictures.

55. calendar all the days from Monday to Friday something that shows the days, weeks and 56. day months of the year 57, month a period of 24 hours an incomplete word - you understand the 58. weekdays meaning a period of 30 or 31 days 59, weekend 60, short form Saturday and Sunday Monday to ecember Saturday Friday and Sunday Monday - Mon February 14





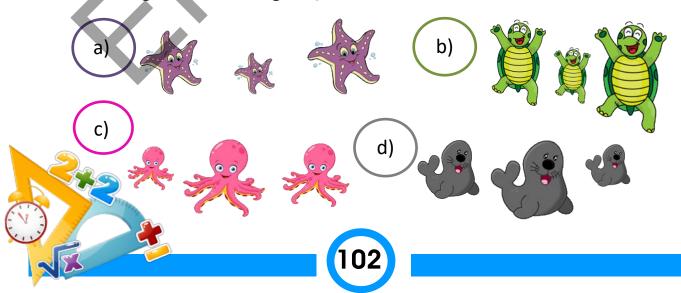
Measuring



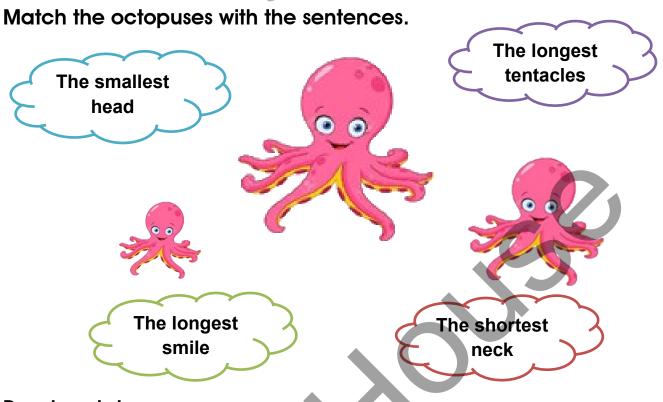
Look and read.



Tick the longest in each group and circle the shortest one.



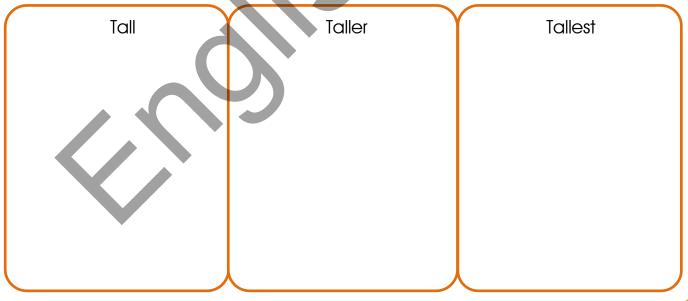




Read and draw.

Look around your clasroom. Look at the desk, the door and your teacher.

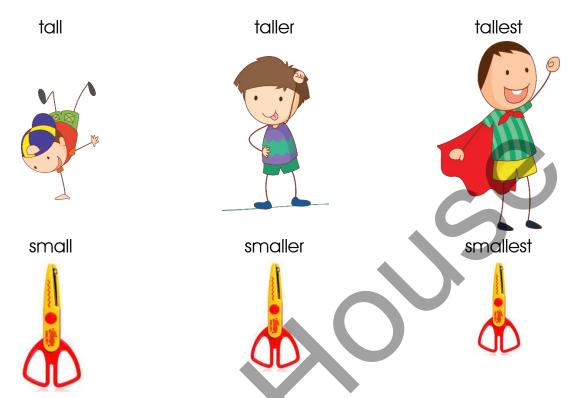
Draw each one in the correct box to identify the tall, taller and tallest.







Look and talk to a friend about the images.

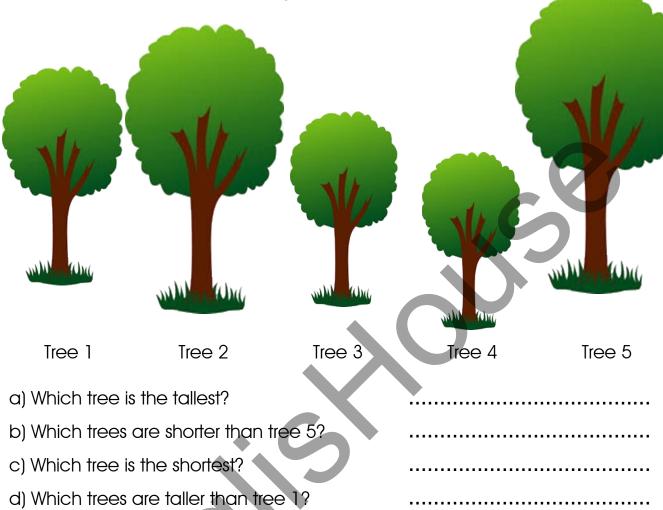


Join each picture with the correct word.



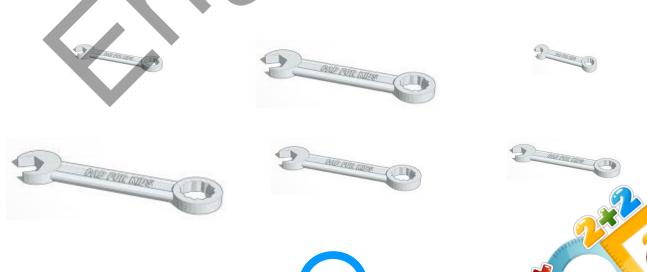


Read, look and answer the questions.



Draw lines to match the words with the correct pictures.

The shortest wrench The longest wrench





Read and match the words with the definitions. Then number the pictures.

61. longer	in a group of three or more objects, it is the large one
62. shorter	 in a group three or more objects, it is the short one
63. smaller	between two objects, it is the little one
64. the largest	 between two objects, it is the short one
65. the shortest	 in a group three or more objects, it is the little one
66. the smallest	between two objects, it is the long one



Money - Value



Pat has 37 pesos.

How can you express that amount of money using different coins and bills?

How much money do you have?)
-----------------------------	---

What coins and bills do you have?

Draw the coins and bills that you have.

Look and talk.

These are some of the coins and bills we use.

Cents can be written as \diamondsuit . 10 cents = 10 \diamondsuit . Pesos can be written as \$.

$$5 \text{ pesos} = $5$$

5 cents



20 cents



50 cents



2 pesos



5 pesos



10 pesos



20 pesos



50pesos





Circle the odd coin in each set.



Circle the odd coin in each set. Then write how many similar coins you can see.







Circle the odd bill in each set. Then write how many similar bills you can see.

















Ordering coins

Read and answer the questions.

John and Mike are putting their money together. John has two coins of 2
pesos, one coin of 50 cents and a 20-peso bill.
Mike has a 50-peso bill, a coin of 5 pesos and a coin of 10 pesos.
How much money does each one have? JohnMikeMike
Who has more money in coins?
Who has less money in coins?
Who has less money in bills?
Who has more money in bills?

Read and talk to a friend about the coins.

These coins are in order, starting with the smallest one.











5¢ is less than 10¢.

10¢ is less than 20¢.

20¢ is less than 50¢.

\$1 is worth the most.

10¢ is more than 5¢.

20 ¢ is more than 10 ¢.

50 ¢ is more than 20 ¢.



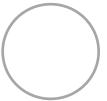


Draw the coins in order. Start with the smallest one.

























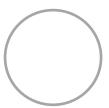












Complete each sentence to match the pairs of coins.









a) \$ ____ is more than

b) \$ ____ is more than ____ ¢



¢ is less than ___ ¢ C)





d) ____ ¢ is more than ____ ¢









Equivalence and total

Read and draw.

John wants to change his 20-peso bill for coins. Draw three different ways in which he can get his bill changed for coins.

Read and talk about the coins.

Two 5-peso coins are worth one 10-peso coin.







One 5-peso coin is worth two 2-peso coins and a 1-peso coin.









One 10-peso coin is worth five 2-peso coins.

















The bags are worth the same. Draw coins to make this true.







Add and write totals.





Draw coins and bills to represent these amounts.

22 pesos 57 pesos 36 pesos 49 pesos





Read and match the words with the definitions. Then number the pictures.

67. coin

• a coin that represents ¢

68. bill

• to have a value, especially in money

69, cent

• exact – not different

70. worth

a piece of paper used as money

71. the same

different form

72. change

• a piece of metal used as money

















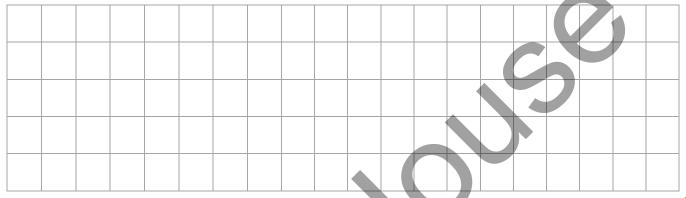
Halves, doubles and triples



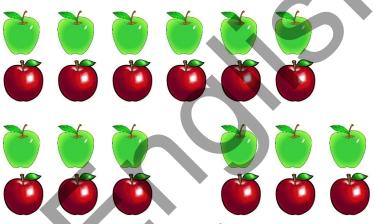
Read and answer the question.

Henry has three bags of marbles. Each bag has sixteen marbles. He wants to share the half of his marbles with his friend Pat.

How many marbles will each one have at the end?



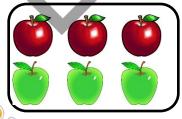
To find the half of something, you have to divide it into two equal groups, and then just count one group.

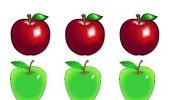


Twelve apples

Two equal groups

What is one half of twelve?

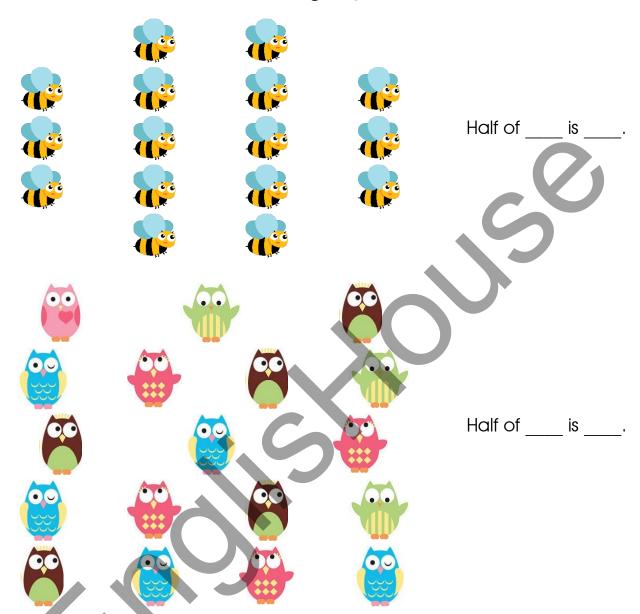




Half of twelve 12 is 6.



Count and find the half of each group of animals.



Write the half of each number.

2	16	20	14	6	4	10	30	8
1					2			

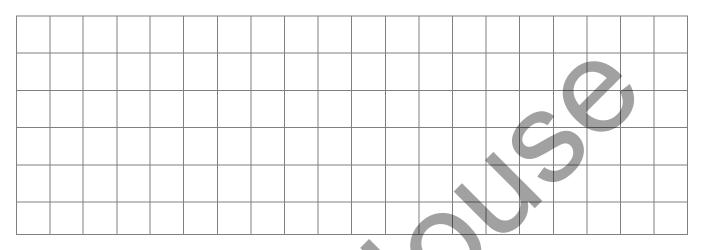




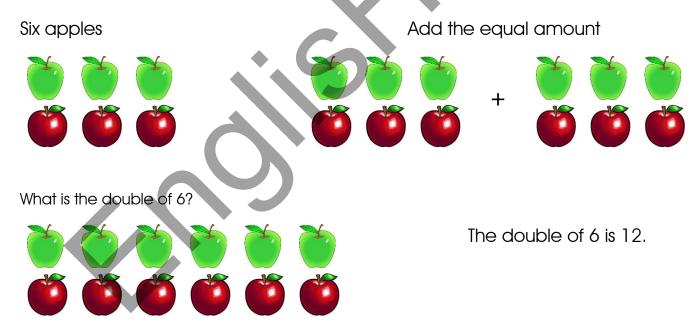
Read and answer the question.

Henry has three bottles of grape juice and Pat has three bottles of orange juice.

How many bottles of juice do they have together?



To find the double of something, you have to add the equal amount to the one you have, and then count them together.







Draw to find the double of the next groups of desserts.

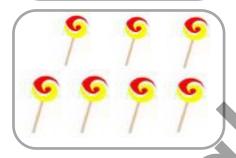




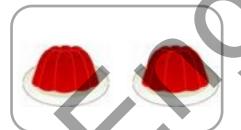
Double of ___ is ___.



Double of ____ is ____.



Double of ____ is ____.



Double of ____ is ____.

Write the double of each number to complete the chart.

2	8	4	7	12	3	5	22	9
4					6			

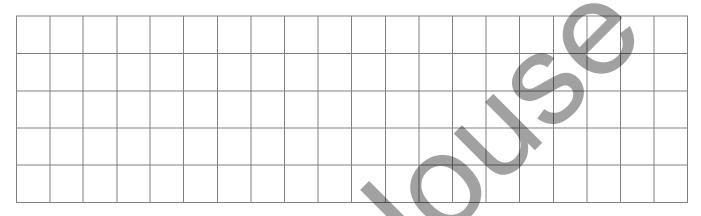




Read and answer the question.

Mike has twelve pesos. In the morning, he makes his bed and his mum gives him twelve pesos. In the afternoon, he helps his brother to sweep and he gives him twelve pesos.

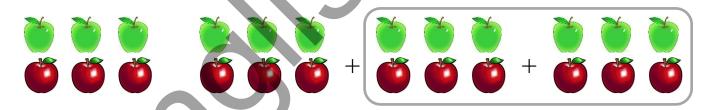
How much money does Mike have at the end of the day?



To find the triple of something, you have to add two times the equal amount to the one you have, and then count them together.

Six apples

Add the equal amount two times.



What is the triple of 6?



Triple of 6 is 18.





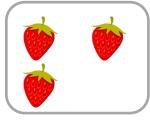
Find the triple of the next groups.







Triple of ____ is ____.

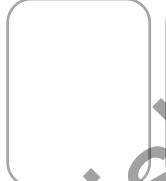






Triple of ____ is ____







Triple of ____ is ____.







Triple of ____ is ____.

Write the triple of each number to complete the chart.

2	8	6	7	12	3	5	22	9
6					9			



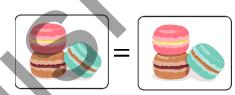


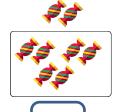
Read and match the words with the definitions. Then number the pictures.

- 73. half
- 74. double
- 75. triple
- 76. equal
- 77. chart
- 78. find

- three times the same number
- a drawing that has information in squares
- to discover something
- two times the same number
- the same
- something divided into two equal parts









cars	3	4	5	6
Mark	*			
Dave			*	
Mat		*		



