

Maths 5th Answer Key

Unit 1 Page 5

Instructions

Answers

5 Take the challenge

A T R A F F I C J A M
1.2-1.22-1.27-2.11-2.21-2.22-3.06-3.6-4.89-4.90- 4.49

5 Look and colour to illustrate the numbers.



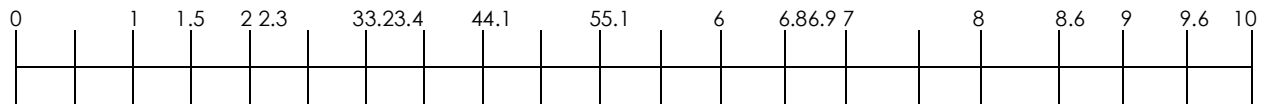
5 Look and complete the chart.

| | | | | | |
|---|---|---|---|---|---|
| 6 | 5 | 7 | . | 9 | 8 |
| 1 | 2 | 3 | . | 5 | 6 |
| | 4 | 5 | . | 0 | 3 |
| 1 | 8 | 2 | . | 2 | 6 |
| | 2 | 5 | . | 6 | 9 |

6 Look and find the numbers on the number line.

| | | | |
|---|---|---|---|
| c | g | k | d |
| e | i | a | j |
| h | b | l | f |

6 Draw a number line and find the numbers.



6 Read and complete.

.75

7 Write these fractions as decimals.

| | | |
|-----|------|-------|
| 0.8 | 0.25 | 0.2 |
| 0.6 | 0.4 | 0.666 |

7 Compare the following fractions and say if they are greater than or less than.

| | | |
|---|---|---|
| > | < | > |
| > | < | > |

7 Change these decimal numbers into fractions.

| | | | |
|---------|-----------|------------|-----------|
| 786/100 | 8343/1000 | 91/10 | 9563/1000 |
| 89/10 | 958/100 | 10356/1000 | 107/10 |

8 Look and complete.

| | | |
|--------|-----|-----|
| 85/100 | .85 | 85% |
| 36/100 | .36 | 36% |
| 68/100 | .68 | 68% |
| 49/100 | .49 | 49% |
| 93/100 | .93 | 93% |

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|------|---|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| 9 | Take the challenge | 1 – 418 cm / 4.18m 2 – 4180 cm / 41.8 m | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Answer these. | 4.13 74.5 1.28 100 884 | 41.3 745 12.8 1000 8840 | 413 7450 128 10 000 88 400 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Answer these. | 2.3567 1.434 1 8.7965 .5427 | .23567 .1434 .1 .87965 .05127 | .023567 .01434 .01 .087965 .005427 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Solve these and write how long it takes you. | 6.98 18 79 765.2 57 | 559.5 400 241 9353 Varies | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Put the numbers in order. Then divide them by the number given. | 5.345 5.432 5.467 5.723 | 0.5345 0.5432 0.5467 0.5723 | 6.136 6.543 6.789 6.934 | 0.6136 0.6543 0.6789 0.6934 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1.105 1.155 1.345 1.552 | 0.01105 0.01155 0.01345 0.01552 | 4.087 4.213 4.388 4.538 | .004087 .004213 .004388 .004538 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Look and complete. | 1000 10 100 100 | 1000 10 100 1000 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Look, talk and colour the boxes. | <table border="1"> <tr><td>X</td><td>X</td><td>÷</td></tr> <tr><td>÷</td><td>X</td><td>÷</td></tr> <tr><td>X</td><td>X</td><td>÷</td></tr> <tr><td>÷</td><td>X</td><td>÷</td></tr> </table> | X | X | ÷ | ÷ | X | ÷ | X | X | ÷ | ÷ | X | ÷ | <table border="1"> <tr><td>X</td><td>X</td><td>÷</td></tr> <tr><td>÷</td><td>X</td><td>÷</td></tr> <tr><td>X</td><td>X</td><td>÷</td></tr> <tr><td>÷</td><td>X</td><td>÷</td></tr> </table> | X | X | ÷ | ÷ | X | ÷ | X | X | ÷ | ÷ | X | ÷ | | |
| X | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ÷ | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ÷ | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ÷ | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ÷ | X | ÷ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Take The challenge | Suggested answer: Carlos will need 4 shelves -6 cans of regular coke and 4 cans of light coke on each. $6+6+6+6= 24$ $4+4+4+4= 16$ | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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13 Read and cross out the digit that shows why a number is not a divisible one.

~~1~~39
75~~1~~8
1097~~8~~
~~2~~0
~~9~~3
1053~~6~~

14 Look and put a tick in the box if the number is a divisible one. If it is not a divisible number, put a cross in the box.

| | | | |
|---|---|---|---|
| ✓ | X | ✓ | ✓ |
| X | X | ✓ | ✓ |
| ✓ | X | X | X |

14 Use the rules of divisibility to answer these.

| | | | |
|---|-------|---|-------|
| a | 2 | f | 2,4,8 |
| b | 2 | g | 3,9 |
| c | 6,9 | h | 1,2,5 |
| d | 2,4,6 | i | 2 |

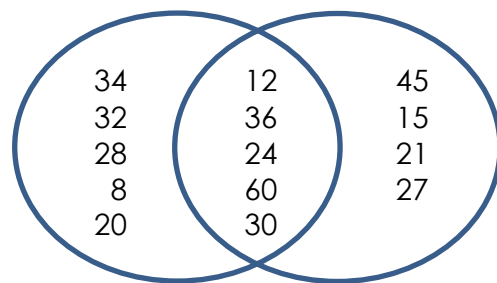
14 Solve the puzzle. Can the numbers be divided by the ones in the middle?

| | | | | | | | | | | |
|----|----|----|----|---|--|---|---|---|---|---|
| | | | 4 | | | | | | | |
| 12 | 9 | 7 | 10 | 8 | | 7 | 3 | 4 | 2 | 5 |
| | | | 3 | | | | | 5 | | |
| 12 | 10 | 11 | 4 | 8 | | 4 | 5 | 2 | 7 | 3 |

15 Look and circle.

Divisible by 4 - 480, 712
Divisible by 5 - 155, 385
Divisible by 6 - 108, 450
Divisible by 7 - 350, 147
Divisible by 8 - 400, 104
Divisible by 9 - 702, 225

15 Place the numbers on the diagram. What are the numbers divisible by?
You don't need some numbers.



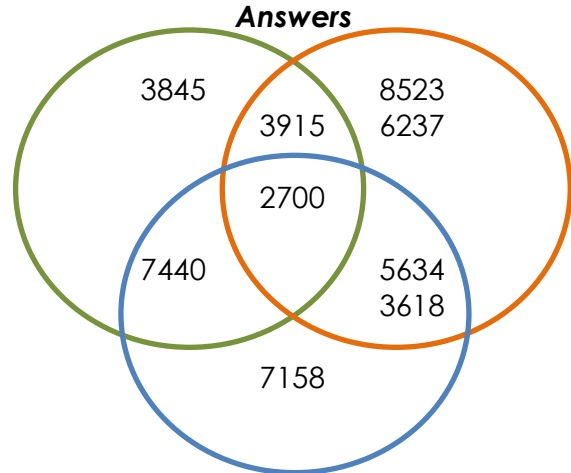
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Write the numbers in the correct section.



17 Look, read and complete.

- a) 4
- b) 11

17 Find the multiples of the following numbers.

- 12 – 12,24,26,48,60,72,84,96,108,120
- 8 – 8,16,24,32,40,48,56,64,72,80
- 10 – 10,20,30,40,50,60,70,80,90,100
- 6 – 6,12,18,24,30,36,42,48,54,60

17 Read and write numbers to complete the example.

- 2 – 2,4,6,8,10,12,14,16,18,20,22
- 3 – 6,9,12,15,18,21
- 4 – 8,12,16,20
- 6 – 12,18
- 8 – 16

2,3,4,6 and 8

18 Find the first two common multiples for each set of numbers.

- a) 18 – 36
- b) 12 – 24
- c) 56 – 112
- a) 36 – 72
- b) 8 – 16
- c) 63 – 126

19 Read and find the least common multiple for each pair of numbers.

- 3 – 3,6,9,12,15,18,21,24
- 4 – 4,8,12,16,20,24

- 3,9 = 9
- 11,15 = 55
- 4,7 = 28
- 4,9 = 36

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19 Read and complete. a, by, to, In, is, the
2
3

20 Write the factors of these numbers – in order.
12 = 2, 3, 4, 6
18 = 2, 3, 6, 9
27 = 3, 9
81 = 3, 9, 27
36 = 2, 4, 9, 18
50 = 2, 5, 10, 25

20 Read and find the factors or the numbers on the right.
Suggested answers:
2 x 5
6 X 4
8 X 4
9 X 2
6 X 5
3 X 13

20 Look and find the missing factors. 5 7
6 3
5 5
5

21 Complete the prime factor tree for each number.

| | |
|-----------|-----------|
| 72 | 66 |
| 9 | 11 |
| 4,3 | 2 |
| 2 | |
| 54 | 80 |
| 18 | 20 |
| 9 | 2,10 |
| 3 | 5 |

22 Read and colour all the prime numbers. Then answer the questions.

| | | | | | | | | | |
|----|---|----|--|---|--|----|--|----|--|
| | 2 | 3 | | 5 | | 7 | | | |
| 11 | | 13 | | | | 17 | | 19 | |
| | | 23 | | | | | | 29 | |
| 31 | | | | | | 37 | | | |
| 41 | | 43 | | | | 47 | | | |
| | | 53 | | | | | | 59 | |
| 61 | | | | | | 67 | | | |
| 71 | | 73 | | | | | | 79 | |
| | | 83 | | | | | | 89 | |
| | | | | | | 97 | | | |

a) Yes b) No c) No d) Yes

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| 22 | Read and circle the correct option. | 1 – a 2 – d 3 – c 4 – a 5 – b |
| 22 | Look and colour the circles that have prime numbers. | 3, 2, 11, 5, 23, 29, 41, 47, 53 |