

MATHEMATICS

6TH CLASS

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PARENT PACK

- $0.4 \div 0.2 = \frac{0.4}{0.2} \times \frac{10}{10} = \frac{4}{2} =$ _____
- The average of 3 numbers is 15. Two of the numbers are 17 and 18. What is the 3rd number?

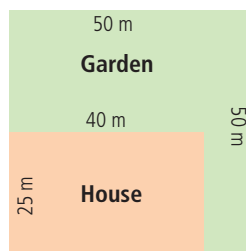
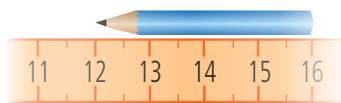
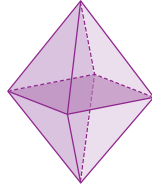
- There was €500 in a bank account. After 1 year, 2% interest was paid. The new balance was € _____.
- How many faces has an octahedron?

- 500, 450, 400, _____, 300
- $8 \div 0.5 = 8 \div \frac{1}{2} = 8 \times 2 =$ _____
- $1.1\% = 0.$ _____
- The total cost of 6 pencils is €1.50. What is the average cost of one pencil? _____ c
- $800 \text{ mL} = \frac{4}{5} \text{ L} = 0.$ _____ L
- 25% off a €400 item is a saving of € _____.
- What number is halfway between -5 and +5?

- Write the numeral ten million, eight hundred.

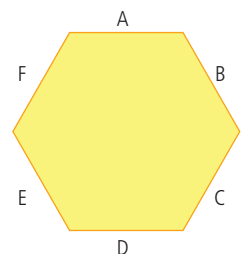
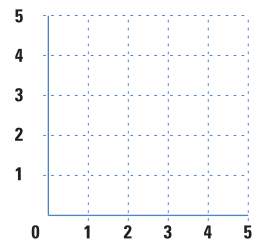
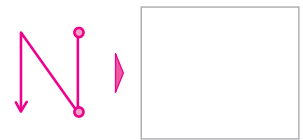
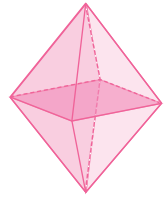
- A television costs €400 plus 20% VAT. What is the total price? € _____
- Which digit in the decimal 8.125 is the hundredth?

- $9 \times 3 = 54 \div$
- The pencil end is at the 25 cm mark.
How long is the pencil? _____ cm
- If a painter charged €3.00 per square metre to paint a 7 m x 2 m wall, it cost would € _____.
- $a + 11.7 = 12.5$, so $a =$ _____
- The area of the house is 1,000 m². What is the area of the garden?
_____ m²
- The perimeter of the house is 130 m. What is the perimeter of the garden?
_____ m



- Is N symmetrical? Yes No
- An octahedron has _____ faces.
_____ edges.
_____ vertices.
- $y + 1,200 = 3,000$, so $y =$ _____
- $1.7 \times 0.2 =$ _____
- $-5 + +3 =$ _____
- Double 0.65. _____
- $9,000 - a = 5,500$, so $a =$ _____
- Draw as a 90° rotation clockwise.
- $\frac{1}{4} + \frac{1}{8} =$ _____
- $\frac{1}{2} < \frac{1}{5}$ True False
- A car is travelling at 60 km per hour. How long will it take to travel 10 km? _____ minutes
- $25\% = \frac{1}{4} = 0.$ _____
- $3y + 4 = 28$, so $y =$ _____
- What is the next square number after 9? _____
- What is the chance of selecting a girl's name from a hat if there are 15 girls' names and 5 boys' names?
_____ in _____
- $110 \text{ m} = 0.$ _____ km
- Plot the coordinates (0,1), (0,5) and (4,3) to form a triangle.
- Which digit in the decimal 8.125 is the thousandth?

- What is the perimeter of a regular hexagon with 30-mm sides?
_____ mm
- Which pairs of sides are parallel?
_____ and _____
_____ and _____
_____ and _____



1. $0.6 \div 0.2 = \frac{0.6}{0.2} \times \frac{10}{10} = \frac{6}{2} = \underline{\hspace{2cm}}$

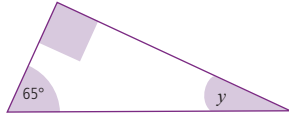
2. $4 \text{ cm} = 0.\underline{\hspace{1cm}} \text{ m}$

3. Double 0.95. $\underline{\hspace{2cm}}$

4. Is either S or E symmetrical? $\underline{\hspace{2cm}}$

5. $y = \underline{\hspace{1cm}}^\circ$

6. $-9 + +6 = \underline{\hspace{2cm}}$



7. This art was bought for €400 and sold for a 40% profit. What was the selling price?

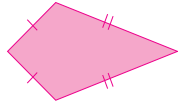


€ $\underline{\hspace{2cm}}$

8. $\sqrt{25} = \underline{\hspace{1cm}}$

9. $\frac{3}{5} \text{ l} + \underline{\hspace{1cm}} \text{ ml} = 1 \text{ l}$

10. Name this 2-D shape.
 $\underline{\hspace{2cm}}$



11. 0.2, 0.6, 1, 1.4, $\underline{\hspace{1cm}}$

12. Circle the letter that has no line of symmetry.

E **B** **N** **Y**

13. $\frac{1}{3}$ of $y = 9$, so $y = \underline{\hspace{2cm}}$

14. $40\% = \frac{4}{10} = 0.\underline{\hspace{1cm}}$

15. If there are US\$0.90 to €1.00, how many euro for US\$6.30? € $\underline{\hspace{2cm}}$

16. A computer costs €800 plus 20% VAT. What is the total price?

€ $\underline{\hspace{2cm}}$

17. $4.4\% = 0.\underline{\hspace{1cm}}$

18. $100 - e = 60$, so $e = \underline{\hspace{2cm}}$

19. Write the fractions from smallest to largest.

$\frac{6}{8}$ $\frac{1}{8}$ $\frac{5}{10}$ $\frac{1}{4}$

$\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$

20. How many edges has a tetrahedron? $\underline{\hspace{2cm}}$

1. What is the area of a floor 12 m by 11 m?

$\underline{\hspace{2cm}}$ m²

2. $0.9 \div 0.3 = \frac{0.9}{0.3} \times \frac{10}{10} = \frac{9}{3} = \underline{\hspace{2cm}}$

3. An obtuse angle is between $\underline{\hspace{1cm}}^\circ$ and $\underline{\hspace{1cm}}^\circ$.

4. A car is travelling at 30 km per hour. How long will it take to travel 5 km?

$\underline{\hspace{2cm}}$ minutes

5. 1.35 kg = $\underline{\hspace{2cm}}$ g

6. The total cost of 7 pens is €1.54.

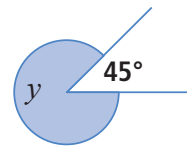
What is the average cost of one pen? $\underline{\hspace{2cm}}$ c

7. $80\% = \frac{4}{5} = 0.\underline{\hspace{1cm}}$

8. $10\frac{4}{10} - \frac{6}{10} = \underline{\hspace{2cm}}$

9. Double 0.55. $\underline{\hspace{2cm}}$

10. $y = \underline{\hspace{1cm}}^\circ$

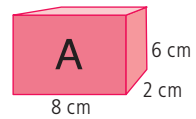


11. $8 \times 5 = \underline{\hspace{1cm}} \div 0.5 = 40$

12. What number is halfway between -8 and +4?

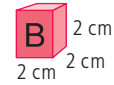
$\underline{\hspace{2cm}}$

13. $1,000 \times 0.007 = \underline{\hspace{2cm}}$



14. How many of Box B will fit evenly into Box A?

$\underline{\hspace{2cm}}$

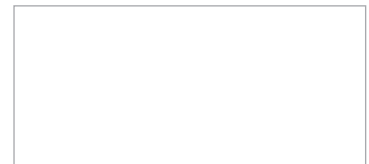
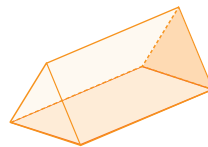


15. Round 10.056 to one decimal place. $\underline{\hspace{2cm}}$

16. Which digit in the decimal 8.125 is the tenth?

$\underline{\hspace{2cm}}$

17. Draw a net of a triangular prism.



18. Halve $12\frac{1}{2}$. $\underline{\hspace{2cm}}$

19. Write the fractions from smallest to largest.

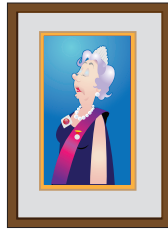
$\frac{1}{2}$ $\frac{2}{3}$ $\frac{2}{6}$ $\frac{7}{9}$

$\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$, $\underline{\hspace{1cm}}$

20. How many vertices has a cube? $\underline{\hspace{2cm}}$

Monday

1. An art dealer sold 10 prints at €85 each. This gave him a total profit of €170. What was the original price of a print?

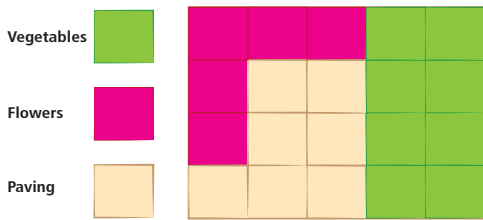


€ _____

2. The delivery cost of each print is €3.95. Deliveries over 8 items are charged an additional €1.50 per item. What is the total delivery cost?

€ _____

Tuesday



1. What fraction of the landscaping is the vegetable garden?

2. What percentage is the flowers? _____ %
the paving? _____ %

Wednesday

1. The tomatoes weighed 4.8 kg. Draw the needle to show the weight.

2. What weight needs to be added to make 6 kg?

_____ kg



Thursday

1. 200 g of tomatoes cost 50c. What is the cost of 4.8 kg?

€ _____

2. The shopkeeper found that 10% of the 4.8 kg was spoiled. What weight of tomatoes can the shopkeeper sell?

_____ kg

1. $1.2 \div 0.2 = \frac{1.2}{0.2} \times \frac{10}{10} = \frac{12}{2} =$

2. Double 0.85. _____

3. $-3 + +9 =$ _____

4. The average of 4 numbers is 10. Three of the numbers are 9, 8 and 11. What is the 4th number?

5. What number is halfway between -4 and $+8$?

6. $8 \times 3 = 3 \times$ _____ $= 24$

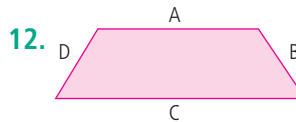
7. How many faces has an octahedron?

8. Which digit in the decimal 5.268 is the thousandth?

9. $\frac{1}{3}$ of $y = 9$, so $y =$ _____

10. $2.2\% = 0.$ _____

11. Halve $8\frac{1}{2}$. _____

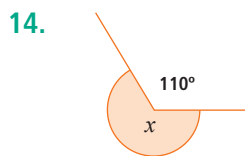


12. Which sides are parallel?

_____ and _____

_____ and _____

13. $8\frac{6}{20} - \frac{10}{20} =$ _____



14. $x =$ _____ $^\circ$

15. The total cost of 8 sweets is €2.24. What is the average cost of one sweet?

_____ c

16. $9,700 \text{ m} =$ _____ km

17. $140 \text{ mm} =$ _____ m

18. What is the perimeter of a regular pentagon with 90-mm sides?

_____ mm

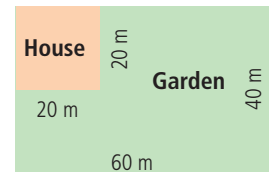
19. Round 6.043 to one decimal place.

20. A fridge costs €800 plus 20% VAT. What is the total price?

€ _____

21. The area of the house is 400 m^2 . What is the area of the garden?

_____ m^2



22. The perimeter of the house is 80 m. What is the perimeter of the garden?

_____ m

23. **6.3**, **6.9**, **7.5**, _____

24. If there are €0.60 to €1.00, how many euro would you get for £12.00?

€ _____

25. A pack of cards (1–20) are shuffled. Tick the chance of randomly selecting a multiple of 3.


20% 25%

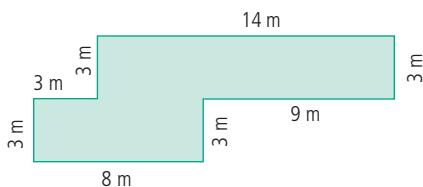
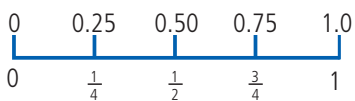
30% 35%

- $0.8 \div 0.2 = \frac{0.8}{0.2} \times \frac{10}{10} = \frac{8}{2} = \underline{\hspace{2cm}}$
- 0.96, 0.97, 0.98, 0.99, $\underline{\hspace{2cm}}$
- What is the perimeter of a regular hexagon with 60-mm sides? $\underline{\hspace{2cm}}$ mm
- $-7 + +3 = \underline{\hspace{2cm}}$
- The total cost of four pizzas is €24.
What is the average cost of one pizza? € $\underline{\hspace{2cm}}$
- $\frac{1}{2} < \frac{1}{10}$ True False
- 8 l 253 ml = $8\frac{253}{1,000}$ l = 8. $\underline{\hspace{2cm}}$ l
- $7 - 0.04 = \underline{\hspace{2cm}}$
- Which digit in the decimal 4.705 is the thousandth?
 $\underline{\hspace{2cm}}$

- $20\% = \frac{2}{10} = 0.\underline{\hspace{2cm}}$
- Is the formula: area = $l + w$ correct? $\underline{\hspace{2cm}}$
- $5^2 = \underline{\hspace{2cm}}$
- A cube has 2-cm by 2-cm faces.
What is the cube's surface area? $\underline{\hspace{2cm}}$ cm²
- Write three capital letters that are symmetrical.
 $\underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$
- $6\% = 0.\underline{\hspace{2cm}}$
- Round 3.06 to 1 decimal place. $\underline{\hspace{2cm}}$

17.  Rotate the triangle 45° anticlockwise. Draw its new position.

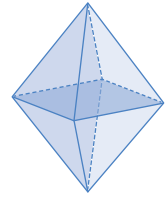
18.  Circle the chance of a head/tail or a tail/head.



- Area = $\underline{\hspace{2cm}}$ m²
- Perimeter = $\underline{\hspace{2cm}}$ m

1. $\frac{3}{4} > \frac{1}{2}$ True False

2. An octahedron has $\underline{\hspace{2cm}}$ faces.
 $\underline{\hspace{2cm}}$ edges.
 $\underline{\hspace{2cm}}$ vertices.



3. $0.9 \div 0.3 = \underline{\hspace{2cm}}$

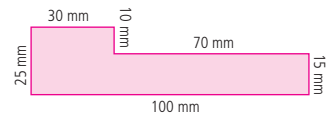
4. $-4 + +9 = \underline{\hspace{2cm}}$

5. **75,000**, **150,000**, **225,000**, $\underline{\hspace{2cm}}$

6. 5 l 450 ml = $5\frac{450}{1,000}$ l = 5. $\underline{\hspace{2cm}}$ l

7. An angle of 90° is a $\underline{\hspace{2cm}}$ angle.

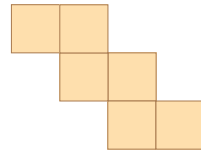
8. What is the perimeter?



$\underline{\hspace{2cm}}$ mm

9. $66\frac{2}{3}\% = \frac{2}{3} = 0.\underline{\hspace{2cm}}$

10. This is a net of a $\underline{\hspace{2cm}}$.



11. $6^2 = \underline{\hspace{2cm}}$

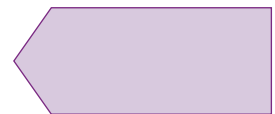
12. Is the formula: area = $l - w$ correct? $\underline{\hspace{2cm}}$

13. Will a hexagon and a square tessellate together?
 $\underline{\hspace{2cm}}$

14. A cube has 3-cm by 3-cm faces.

What is the cube's surface area? $\underline{\hspace{2cm}}$ cm²

15. Draw the axis of symmetry on the irregular pentagon.



16. Round 6.14 to 1 decimal place. $\underline{\hspace{2cm}}$

17. Tick which would be the best to measure the height of your teacher.

ruler trundle wheel metre stick

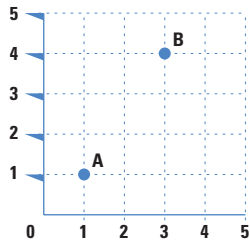
18. $9\% = 0.\underline{\hspace{2cm}}$

19. The value of the 9 in 952,075 is $\underline{\hspace{2cm}}$.

20. $4,000,000 - 400,000 = \underline{\hspace{2cm}}$

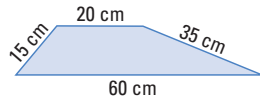
1. $5 \div \frac{1}{4} = 5 \times \underline{\quad} = 20$

2. Write the coordinates of Point A.



3. Write the coordinates of Point B.

4. 1.07, 1.08, 1.09, _____



5. What is the perimeter? _____ cm

6. $8^2 = \underline{\quad}$

7. $8 \div 0.1 = \square 8 \quad \square 0.8 \quad \square 80$

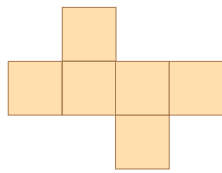
8. $37\frac{1}{2}\% = \frac{3}{8} = 0.\underline{\quad}$

9. Round 4.3781 to 1 decimal place. _____

10. A cube has 4-cm by 4-cm faces.
What is the cube's surface area? _____ cm^2

11. 110% = (decimal) _____

12. This is a net of a _____.



13. $\frac{2}{3} \times \frac{9}{12} = \underline{\quad}$

14. Which digit in the decimal 4.705 is the tenth? _____

The graph shows the number of sunny days for the first six months of a year.

15. Which month had 13 sunny days?

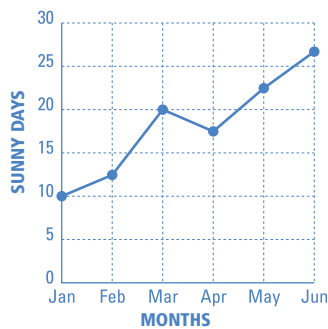
16. Which month had the most sunny days?

17. Which month had the least sunny days?

18. How many more sunny days had March than January?

19. Which month had fewer sunny days than you might expect?

20. Which month had 23 sunny days? _____



1. $-5 + +3 = \underline{\quad}$

2. The total cost of 5 drinks is €6.25.
What is the average cost of one drink? € _____

3. Rotate this rectangle 90° clockwise and draw the new position.



4. $1.2 \div 4 = \underline{\quad}$

5. 50, 5, 100, 10, 200, _____ 400.

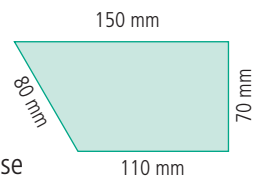
6. $7 \text{ l } 945 \text{ mL} = 7 \frac{945}{1,000} \text{ l} = 7.\underline{\quad} \text{ l}$

7. Which digit in the decimal 4.705 is the hundredth?

8. $\frac{1}{3} + \frac{1}{6} = \underline{\quad}$

9. $5.5 - 0.9 = \underline{\quad}$

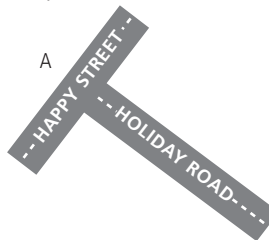
10. What is the perimeter?
_____ mm



11. $\frac{3}{5} < \frac{1}{2}$ True False

12. Match the roads.

Perpendicular = _____ Parallel = _____



B ---CHOCOLATE WAY---

----BEACH STREET----

13. $12 \div \frac{1}{3} = 12 \underline{\quad} 3$
+ - × ÷

14. $80\% = \frac{8}{10} = 0.\underline{\quad}$

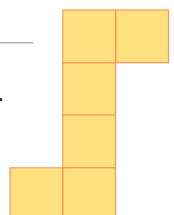
15. Is the formula: area = $l \times w$ correct? _____

16. 1 whole = _____ %

17. A cube has 5-cm by 5-cm faces. What is its surface area?
_____ cm^2

18. Round 2.056 to 1 decimal place. _____

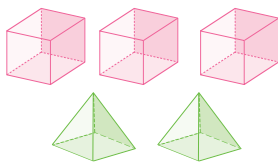
19. This is a net of a _____.



20. $7 \times \underline{\quad} = 28$

Monday

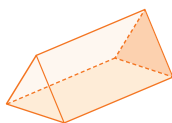
1. What is the ratio of square-based pyramids to cubes?



2. What is the ratio of cube faces to pyramid faces?

Tuesday

1. What is the ratio of triangular prism edges to cube edges?



2. If the ratio of edges of triangular prisms to cubes is 36:48, how many of each shape is there?



Wednesday

1. On a train trip to Dublin, one carriage had 45 passengers to 30 seats. In another carriage, there were 55 passengers to 30 seats. What is the total simplified ratio of passengers to seats?

2. On another trip, with the same 2 carriages, the simplified ratio of passengers to seats was 3:4. How many passengers were travelling?



Thursday

1. Niall spent 0.3 of his money in one shop and $\frac{5}{10}$ in another shop. He had €12 left. How much money did he start with?

€ _____

2. Jenny's brothers are triplets. The four of them have an average age of 11. If Jenny is 14 years old, what age are her brothers?

1. $0.6 \div 0.2 =$ _____

2. $-6 + +9 =$ _____

3. The total cost of 5 pizzas is €25.50. What is the average cost of one pizza?

€ _____

4. $\frac{1}{10} > \frac{1}{3}$

True False

5. $4 \text{ l } 295 \text{ ml} = 4\frac{295}{1,000} \text{ l}$
 $= 4.\text{_____} \text{ l}$

6. $\frac{2}{5} \times \frac{10}{15} =$ _____

7. $0.1 =$ _____ %

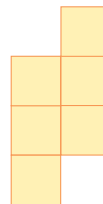
8. $\frac{60,000}{240,000}, \frac{150,000}{330,000}$

9. $\frac{1}{3} + \frac{1}{3} =$ _____

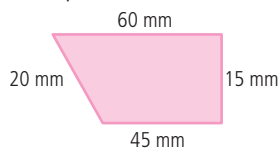
10. What is the perimeter of a regular pentagon with 45-mm sides?

_____ mm

11. This is a net of a _____.



12. What is the perimeter of this quadrilateral?



_____ mm

13. Area of a square = $l \times w$

True False

14. A cube has 2-cm by 2-cm faces. What is the cube's surface area?

_____ cm^2

15. Complete the magic square.

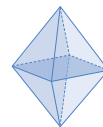
	9	
	5	
8	1	

16. An octahedron has

_____ faces.

_____ edges.

_____ vertices.



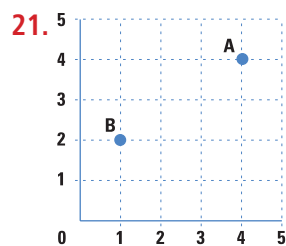
17. What do we call an angle that is between 180° and 360° ?

18. $7 \div \frac{1}{3} = 7 \times \square = 21$

19. Rotate this shape 450° anticlockwise and draw its new position.



20. $4^2 =$ _____



Write the coordinates of Point A.

22. Write the coordinates of Point B.

23. $30,000,000 - 300,000 =$

24. How many degrees has a circle?

_____ $^\circ$

25. $\frac{1}{8} + \frac{1}{4} =$ _____

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

19. True
20. 1,000,000
- Thursday**
1. 0.36
 2. 309
 3. 35
 4. 5
 5. $\frac{1}{2}$
 6. 31
 7. 100
 8. 2
 9. hundred thousands
 10. 75
 11. 8
 12. 4
 13. 4
 14. 100
 15. True
 16. 360
 17. $\frac{1}{3}, \frac{3}{6}, \frac{2}{3}, \frac{8}{9}$
 18. 007
 19. (a) 100
(b) 50
 20. 1 in 2 or 50%

Problem-solving

Monday

1. 2,800
2. 1,440

Tuesday

1. 10
2. 50

Wednesday

1. 4:8
2. 12:18

Thursday

1. A
2. A = 25
B = 50
C = 10

Friday Review

1. 61
2. 10
3. 600
4. 005
5. obtuse
6. 40
7. 25
8. 7
9. 1
10. True
11. 4
12. 62
13. +1
14. 25
15. octagon
16. 24
17. 2.34, 90%, 18%, 0.11

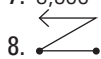
18. $\frac{1}{2}$
19. True
20. 20.488
21. 1.2
22. 240
23. 64
24. pentagonal
25. 100

WEEK 30 pages 89–91

Monday

1. 2
2. 10
3. 510
4. 8
5. 350
6. 16
7. 011
8. 25
9. 8
10. 100
11. 0
12. 10,000,800
13. 480
14. 2
15. 2
16. 13
17. 42
18. 0.8
19. 1,500
20. 200

Tuesday

1. no
2. 8 faces
12 edges
6 vertices
3. 1,800
4. 0.34
5. -2
6. 1.3
7. 3,500
8. 
9. $\frac{3}{8}$
10. False
11. 10
12. 25
13. 8
14. 16
15. 15 in 20 (3 in 4)
16. 11
17. Teacher check
18. 5
19. 180
20. A and D
C and F
B and E

Wednesday

1. 3
2. 04
3. 1.9
4. E
5. 25
6. -3
7. 560
8. 5
9. 400
10. kite
11. 1.8
12. N
13. 27
14. 4
15. 7
16. 960
17. 044
18. 40
19. $\frac{1}{8}, \frac{1}{4}, \frac{5}{10}, \frac{6}{8}$
20. 6

Thursday

1. 132
2. 3
3. 90 and 180
4. 10
5. 1,350
6. 22
7. 8
8. $9\frac{9}{10}$ (or $9\frac{4}{5}$)
9. 1.1
10. 315
11. 8
12. -2
13. 7
14. 12
15. 10.1
16. 1
17. Teacher check
18. $6\frac{1}{4}$
19. $\frac{2}{6}, \frac{1}{2}, \frac{2}{3}, \frac{7}{9}$
20. 8

Problem-solving

Monday

1. 68
2. 42.50

Tuesday

1. $\frac{2}{5}$
2. 25, 35

Wednesday

1. Teacher check
2. 1.2

Thursday

1. 12.00
2. 4.32


Friday Review

1. 6
2. 1.7

3. +6
4. 12
5. 2
6. 8
7. 8
8. 8
9. 27
10. 022
11. $4\frac{1}{4}$
12. A and C
13. $7\frac{16}{20}$ (or $7\frac{4}{5}$)
14. 250
15. 28
16. 9.7
17. 0.14
18. 450
19. 6.0
20. 960
21. 2,000
22. 200
23. 8.1
24. 20
25. 30

WEEK 31 pages 92–94

Monday

1. 4
2. 1
3. 360
4. -4
5. 6.00
6. False
7. 253
8. 6.96
9. 5
10. 2
11. no
12. 25
13. 24
14. Teacher check
15. 06
16. 3.1
17. 
18. 0.50 (or $\frac{1}{2}$)
19. 66
20. 46

Tuesday


1. True
2. 8 faces
12 edges
6 vertices
3. 3
4. +5
5. 300,000
6. 45
7. right
8. 250
9. 66
10. cube

11. 36
12. no
13. yes
14. 54
15. Teacher check
16. 6.1
17. metre stick
18. 09
19. 900,000
20. 3,600,000

Wednesday

1. 4
2. 1,1
3. 3,4
4. 1.1
5. 130
6. 64
7. 80
8. 375
9. 4.4
10. 96
11. 1.1
12. cube
13. $\frac{3}{6}$ (or $\frac{1}{2}$)
14. 7
15. Feb
16. June
17. Jan
18. 10
19. April/May
20. May

Thursday

1. -2
2. 1.25
3. 
4. 0.3
5. 20
6. 945
7. 0
8. $\frac{3}{6}$ (or $\frac{1}{2}$)
9. 4.6
10. 410
11. False
12. A, B
13. ×
14. 8
15. yes
16. 100
17. 150
18. 2.1
19. cube
20. 4

Problem-solving

Monday

1. 2:3
2. 18:10

NEW WAVE MENTAL MATHS (6th Class Book) – Answers

<p style="text-align: center;">Tuesday</p> <p>1. 9:12 2. 4</p> <p style="text-align: center;">Wednesday</p> <p>1. 5:3 2. 45</p> <p style="text-align: center;">Thursday</p> <p>1. 60 2. 10</p> <p style="text-align: center;">Friday Review</p> <p>1. 3 2. 3 3. 5.10 4. False 5. 295 6. $\frac{4}{15}$ 7. 10 8. 420,000 9. $\frac{2}{3}$ 10. 225 11. cube 12. 140 13. True 14. 24 15. <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center; width: 40px; height: 40px;"> <tr><td>4</td><td>9</td><td>2</td></tr> <tr><td>3</td><td>5</td><td>7</td></tr> <tr><td>8</td><td>1</td><td>6</td></tr> </table></p> <p>16. 8 faces 12 edges 6 vertices</p> <p>17. reflex 18. 3 19. 20. 16 21. 4.4 22. 1.2 23. 29,700,000 24. 360 25. $\frac{3}{8}$</p> <p style="text-align: center;">WEEK 32 pages 95–97</p> <p style="text-align: center;">Monday</p> <p>1. 6,300,000 2. 5 3. 10 4. × 5. 10,512,015 6. 0.80 7. hundred thousands 8. 1.20 9. 90 10. 15, 21, 27 11. 100 12. $3\frac{3}{5}$ 13. 14. 15.607</p>	4	9	2	3	5	7	8	1	6	<p>15. $l \times w$ 16. 1 17. kitchen scales 18. 160,000 19. True 20. 5</p> <p style="text-align: center;">Tuesday</p> <p>1. $\frac{3}{4}$ 2. 3,650,000 3. 60 4. 7.75 5. right 6. 6,050 7. -4 8. 045 9. trundle wheel 10. 72 11. 5 12. $8\frac{1}{5}$ 13. 21.369 14. 9 15. 22 16. 1 17. no 18. 9 19. True 20. regular octagon</p> <p style="text-align: center;">Wednesday</p> <p>1. 2.00 2. 8,200,000 3. $\frac{5}{6}$ 4. 7,092 5. 15 6. $\frac{49}{5}$ 7. 40 8. 4 9. 55 10. 105° 11. $\frac{43}{8}$ 12. 8 13. 6 14. 375 15. 70 16. × 17. 62 18. 1%, 0.1, $\frac{5}{10}$, 0.99 19. 0.3 20. 0.3</p> <p style="text-align: center;">Thursday</p> <p>1. 70 2. -17 3. 103 4. 008 5. 44 6. 625 7. 5,000,005 8. 4.25</p>	<p>9. 4,200 10. 11. 1:3 12. 6.03 13. 5.8 14. 40 15. 12.547 16. kitchen scales 17. 130,000 18. 1,100 19. 160 20. 5</p> <p style="text-align: center;">Problem-solving</p> <p style="text-align: center;">Monday</p> <p>1. 65 2. 35</p> <p style="text-align: center;">Tuesday</p> <p>1. 50 2. 50</p> <p style="text-align: center;">Wednesday</p> <p>1. (a) 6 = blue (b) 8 = green 2. (a) 2 = red (b) 4 = yellow</p> <p style="text-align: center;">Thursday</p> <p>1. €2, 50c 2. €1, €1, €2</p> <p style="text-align: center;">Friday Review</p> <p>1. millions 2. $\frac{5}{6}$ 3. 91 4. 55 5. 6. 7 7. 96,000 8. 8 9. 4 10. 7 11. 18 12. 6 13. $l \times w$ 14. 35 15. 81 16. 4 17. 60 18. 2.075 19. 40 20. 5 21. 1,500 22. 025 23. 4 24. 15 25. 60</p> <p style="text-align: center;">WEEK 33 pages 98–100</p> <p style="text-align: center;">Monday</p> <p>1. 1,300,000 2. 3</p>	<p>3. 4 4. yes 5. kitchen 6. 004 7. $\frac{1}{8}$ 8. 81 9. 0.2 10. 9 11. 100,000 12. Teacher check 13. 7,205 14. 0.8 15. 54 16. 350 17. 88 18. 12.00 19. $10 \times \frac{10}{1}$ 20. 7,920,000</p> <p style="text-align: center;">Tuesday</p> <p>1. 10 2. 35 3. 8 faces 12 edges 6 vertices 4. 6,090,000 5. 87,000 6. 14.972 7. 5 8. 21 9. 10. $\frac{1}{4}$ 11. Teacher check 12. Teacher check 13. 48 14. 54 15. 1,000 16. $5\frac{1}{2}$ 17. 30 18. 107 19. $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, \frac{7}{8}$ 20. 1,750</p> <p style="text-align: center;">Wednesday</p> <p>1. 2,750,000 2. 21.588 3. 5 4. $2\frac{3}{4}, 3\frac{1}{4}$ 5. 1.5 cm (or 15 mm) 6. -5 hours 7. no 8. kitchen scales 9. $\frac{1}{81}$ 10. 21 11. 11, 13, 17 and 19 12. 120 13. 41 14. 8,005 15. True</p>	<p>16. 9 17. 12 18. 0.1 19. 8 20. 6</p> <p style="text-align: center;">Thursday</p> <p>1. 36 2. 0.6 3. 18 4. 3,050,000 5. 055 6. $\frac{3}{8}$ 7. 5 8. 255,000 9. $\frac{5}{6}$ 10. 35 11. 4 12. 15 13. 3 14. reflex 15. 12 16. no 17. True 18. 40 19. 1 20. (a) 2 (b) 8</p> <p style="text-align: center;">Problem-solving</p> <p style="text-align: center;">Monday</p> <p>1. × 6, × 4, × 8, × 8 2. 70</p> <p style="text-align: center;">Tuesday</p> <p>1. (a) 2.50 (b) 2×1 and 50×1</p> <p>2. 4,000</p> <p style="text-align: center;">Wednesday</p> <p>1. 500 2. 12,500</p> <p style="text-align: center;">Thursday</p> <p>1. 3 2. 5</p> <p style="text-align: center;">Friday Review</p> <p>1. 36 2. 4 3. 3,200,000 4. no 5. 96 6. 025 7. $\frac{1}{8}$ 8. 2,310 9. Teacher check 10. 3%, 0.3, 51%, $8\frac{1}{2}$ 11. B 12. 20.36 13. 203 14. 6 15. 9</p>
4	9	2											
3	5	7											
8	1	6											

U
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2 × 9 = 18



Date: _____

Name: _____

Level HH

Almost Extreme

1. $2 \times 2 \times 2 =$ _____
2. $7 \times 3 =$ _____
3. $3 \times 3 \times 3 =$ _____
4. $4 \times 8 =$ _____
5. $3 \times 6 \times 4 =$ _____
6. $2 \times 5 \times 3 =$ _____
7. $4 \times 7 \times 2 =$ _____
8. $2 \times 6 \times 4 =$ _____
9. $3 \times 2 \times 3 =$ _____
10. $4 \times 9 =$ _____
11. $10 \times 10 =$ _____
12. $9 \times 0 \times 2 =$ _____
13. $4 \times 1 =$ _____
14. $6 \times 6 \times 2 =$ _____
15. $7 \times 4 \times 3 =$ _____
16. $3 \times 9 =$ _____
17. $2 \times 2 \times 3 =$ _____
18. $4 \times 2 \times 2 =$ _____
19. $3 \times 4 \times 3 =$ _____
20. $6 \times 8 =$ _____
21. $7 \times 7 =$ _____
22. $6 \times 4 \times 2 =$ _____
23. $1 \times 1 \times 12 =$ _____
24. $1 \times 10 \times 5 =$ _____
25. $3 \times 9 \times 4 =$ _____
26. $3 \times 12 \times 4 =$ _____
27. $11 \times 5 \times 2 =$ _____
28. $6 \times 6 =$ _____
29. $11 \times 3 \times 3 =$ _____
30. $8 \times 7 =$ _____
31. $11 \times 10 =$ _____
32. $11 \times 3 \times 4 =$ _____
33. $5 \times 5 =$ _____
34. $2 \times 1 \times 1 =$ _____
35. $10 \times 4 \times 3 =$ _____
36. $8 \times 5 =$ _____
37. $9 \times 4 \times 3 =$ _____
38. $12 \times 6 \times 2 =$ _____
39. $2 \times 0 \times 2 =$ _____
40. $4 \times 6 \times 3 =$ _____
41. $9 \times 9 =$ _____
42. $2 \times 7 =$ _____
43. $8 \times 2 \times 2 =$ _____
44. $7 \times 3 \times 2 =$ _____
45. $4 \times 6 =$ _____
46. $2 \times 9 \times 5 =$ _____
47. $5 \times 8 \times 2 =$ _____
48. $10 \times 1 \times 10 =$ _____
49. $6 \times 3 \times 4 =$ _____
50. $4 \times 8 \times 3 =$ _____



Your Score: _____

U
T
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L
K
J
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H
G
F
E
D
C
B
A

2 × 9 = 18



Date: _____

Name: _____

Level HH

Almost Extreme

1. $2 \times 2 \times 2 =$ _____
2. $7 \times 3 =$ _____
3. $3 \times 3 \times 3 =$ _____
4. $4 \times 8 =$ _____
5. $3 \times 6 \times 4 =$ _____
6. $2 \times 5 \times 3 =$ _____
7. $4 \times 7 \times 2 =$ _____
8. $2 \times 6 \times 4 =$ _____
9. $3 \times 2 \times 3 =$ _____
10. $4 \times 9 =$ _____
11. $10 \times 10 =$ _____
12. $9 \times 0 \times 2 =$ _____
13. $4 \times 1 =$ _____
14. $6 \times 6 \times 2 =$ _____
15. $7 \times 4 \times 3 =$ _____
16. $3 \times 9 =$ _____
17. $2 \times 2 \times 3 =$ _____
18. $4 \times 2 \times 2 =$ _____
19. $3 \times 4 \times 3 =$ _____
20. $6 \times 8 =$ _____
21. $7 \times 7 =$ _____
22. $6 \times 4 \times 2 =$ _____
23. $1 \times 1 \times 12 =$ _____
24. $1 \times 10 \times 5 =$ _____
25. $3 \times 9 \times 4 =$ _____
26. $3 \times 12 \times 4 =$ _____
27. $11 \times 5 \times 2 =$ _____
28. $6 \times 6 =$ _____
29. $11 \times 3 \times 3 =$ _____
30. $8 \times 7 =$ _____
31. $11 \times 10 =$ _____
32. $11 \times 3 \times 4 =$ _____
33. $5 \times 5 =$ _____
34. $2 \times 1 \times 1 =$ _____
35. $10 \times 4 \times 3 =$ _____
36. $8 \times 5 =$ _____
37. $9 \times 4 \times 3 =$ _____
38. $12 \times 6 \times 2 =$ _____
39. $2 \times 0 \times 2 =$ _____
40. $4 \times 6 \times 3 =$ _____
41. $9 \times 9 =$ _____
42. $2 \times 7 =$ _____
43. $8 \times 2 \times 2 =$ _____
44. $7 \times 3 \times 2 =$ _____
45. $4 \times 6 =$ _____
46. $2 \times 9 \times 5 =$ _____
47. $5 \times 8 \times 2 =$ _____
48. $10 \times 1 \times 10 =$ _____
49. $6 \times 3 \times 4 =$ _____
50. $4 \times 8 \times 3 =$ _____



Your Score: _____

Answers

Answers

	P	Q	R	S	T	AA	BB	CC	DD	EE	FF	GG	HH	II	JJ
1	16	99	9	24	12	6	8	9	14	12	45	21	8	27	24
2	12	40	9	33	30	0	14	18	3	10	16	12	21	20	32
3	5	33	14	0	4	4	0	15	16	21	12	20	27	1	70
4	9	50	12	36	24	9	10	2	15	24	15	8	32	12	0
5	8	11	50	60	8	8	8	12	20	18	8	18	72	16	28
6	7	20	77	12	35	7	70	20	6	8	60	10	30	24	30
7	0	44	100	77	0	4	6	21	40	20	18	15	56	18	48
8	45	10	6	48	25	12	16	30	18	30	32	18	48	96	54
9	10	30	21	99	28	10	18	10	0	45	4	12	18	32	120
10	24	88	16	55	1	16	20	4	18	77	12	0	36	45	63
11	16	60	27	84	18	10	12	35	0	16	27	100	100	70	132
12	30	55	24	22	16	12	27	18	9	21	10	0	0	0	96
13	3	80	4	110	36	15	10	5	5	24	27	12	4	72	18
14	32	66	24	11	20	60	18	16	35	36	24	8	72	28	12
15	24	70	40	72	16	18	100	40	25	100	36	40	84	90	96
16	77	22	36	44	35	2	9	12	18	0	20	16	27	110	60
17	15	80	18	96	22	20	30	30	32	12	100	18	12	54	120
18	28	60	28	0	27	40	28	0	21	27	32	45	16	30	60
19	6	77	6	88	14	0	36	49	100	24	36	24	36	108	84
20	80	10	32	120	40	33	21	27	24	14	56	36	48	48	36
21	44	66	15	0	9	18	4	24	45	9	24	55	49	8	72
22	49	100	8	96	70	10	55	45	64	56	36	1	48	54	108
23	4	20	49	66	132	30	24	16	48	32	24	36	12	48	48
24	88	50	18	108	24	14	0	48	42	121	28	42	50	110	108
25	36	0	121	11	100	16	24	28	110	72	48	27	108	121	99
26	64	110	132	84	49	12	90	56	0	54	45	30	144	120	81
27	100	11	25	22	32	22	24	36	28	28	40	42	110	132	54
28	60	132	63	144	6	55	32	70	99	48	55	121	36	144	96
29	110	70	11	33	4	0	16	54	80	108	21	50	99	72	72
30	54	22	20	132	36	20	18	14	4	36	0	48	56	96	144
31	21	77	48	44	40	10	12	55	24	48	24	25	110	96	132
32	18	0	45	110	54	44	25	8	56	81	36	56	132	63	8
33	42	121	30	66	121	16	35	36	22	144	42	36	25	55	64
34	24	90	0	121	20	50	24	24	12	49	25	54	2	40	45
35	120	0	42	120	21	9	3	25	40	54	36	49	120	60	72
36	25	40	64	55	0	6	88	63	81	18	30	45	40	54	84
37	36	90	36	36	64	12	0	10	48	72	49	28	108	84	60
38	72	120	42	12	77	15	22	40	49	96	54	80	144	132	90
39	35	30	56	99	28	6	10	24	16	0	88	0	0	60	110
40	12	55	81	24	108	18	16	32	0	88	80	32	72	48	54
41	20	120	70	0	56	16	24	1	24	84	24	81	81	108	40
42	63	33	16	60	10	30	40	42	56	25	33	28	14	36	48
43	18	132	96	88	81	8	36	0	30	56	48	50	32	84	108
44	48	44	132	48	48	20	45	30	88	44	24	24	42	81	72
45	0	99	54	72	36	14	20	8	63	110	64	64	24	108	48
46	40	110	10	132	132	18	25	36	36	48	27	110	90	72	36
47	96	0	72	96	15	0	28	44	24	60	0	16	80	84	84
48	99	88	21	77	144	30	21	21	54	63	32	56	100	72	10
49	84	44	36	84	96	25	36	24	32	42	99	54	72	120	16
50	56	132	72	108	63	12	35	42	72	72	56	12	96	108	36

Answers

ADDITION

NUMBER

TEACHER INFORMATION

Objectives

Understands the role of place value when adding numbers.
Calculates addition problems with numbers up to six digits.

Concepts required

Place value
Trading
Problem solving

Answers

1. (a) 592 (b) 743 (c) 763
 (d) 1032 (e) 1084
2. (a) 5351 (b) 6855 (c) 6242
 (d) 10 812 (e) 12 218
3. (a) 26 214 (b) 58 015 (c) 800 499
 (d) 711 914 (e) 1 512 511
4. (a) 640 (b) 7216 (c) 13 936
 (d) 63 306 (e) 620 219
5. (a) 795 (b) 7695 (c) 23 490
 (d) 107 330 (e) 1 524 077
6. (a) 368 (b) 686 (c) 3242 (d) 7045
 + 355 + 389 + 1468 + 2899
 723 1075 4710 9944
- (e) 321 (f) 12 556 (g) 2061 (h) 5976
 248 + 7 568 2601 2841
 + 276 20 124 + 2004 + 3503
 845 6666 12 320
- (i) 6 090 090
 + 3 900 919
 9 991 009

ADDITION

NUMBER

1. (a) $\begin{array}{r} 347 \\ + 245 \\ \hline \\ \hline \end{array}$ (b) $\begin{array}{r} 508 \\ + 235 \\ \hline \\ \hline \end{array}$ (c) $\begin{array}{r} 479 \\ + 284 \\ \hline \\ \hline \end{array}$ (d) $\begin{array}{r} 645 \\ + 387 \\ \hline \\ \hline \end{array}$ (e) $\begin{array}{r} 786 \\ + 298 \\ \hline \\ \hline \end{array}$

2. (a) $\begin{array}{r} 2143 \\ + 3208 \\ \hline \\ \hline \end{array}$ (b) $\begin{array}{r} 4066 \\ + 2789 \\ \hline \\ \hline \end{array}$ (c) $\begin{array}{r} 3458 \\ + 2784 \\ \hline \\ \hline \end{array}$ (d) $\begin{array}{r} 8417 \\ + 2395 \\ \hline \\ \hline \end{array}$ (e) $\begin{array}{r} 7654 \\ + 4564 \\ \hline \\ \hline \end{array}$

3. (a) $\begin{array}{r} 12\ 045 \\ + 14\ 169 \\ \hline \\ \hline \end{array}$ (b) $\begin{array}{r} 34\ 658 \\ + 23\ 357 \\ \hline \\ \hline \end{array}$ (c) $\begin{array}{r} 421\ 500 \\ + 378\ 999 \\ \hline \\ \hline \end{array}$ (d) $\begin{array}{r} 385\ 929 \\ + 325\ 985 \\ \hline \\ \hline \end{array}$ (e) $\begin{array}{r} 845\ 845 \\ + 666\ 666 \\ \hline \\ \hline \end{array}$

4. (a) $\begin{array}{r} 248 \\ 237 \\ + 155 \\ \hline \\ \hline \end{array}$ (b) $\begin{array}{r} 3460 \\ 2548 \\ + 1208 \\ \hline \\ \hline \end{array}$ (c) $\begin{array}{r} 5624 \\ 5895 \\ + 2417 \\ \hline \\ \hline \end{array}$ (d) $\begin{array}{r} 21\ 462 \\ 20\ 555 \\ + 21\ 289 \\ \hline \\ \hline \end{array}$ (e) $\begin{array}{r} 201\ 455 \\ 286\ 209 \\ + 132\ 555 \\ \hline \\ \hline \end{array}$

5. (a) $\begin{array}{r} 134 \\ 224 \\ 312 \\ + 125 \\ \hline \\ \hline \end{array}$ (b) $\begin{array}{r} 1417 \\ 1582 \\ 2091 \\ + 2605 \\ \hline \\ \hline \end{array}$ (c) $\begin{array}{r} 7209 \\ 6318 \\ 5427 \\ + 4536 \\ \hline \\ \hline \end{array}$ (d) $\begin{array}{r} 19\ 405 \\ 11\ 652 \\ 22\ 074 \\ + 54\ 199 \\ \hline \\ \hline \end{array}$ (e) $\begin{array}{r} 742\ 581 \\ 330\ 609 \\ 199\ 500 \\ + 251\ 387 \\ \hline \\ \hline \end{array}$

6. Find the missing numbers to complete each sum.

(a) $\begin{array}{r} 3\ 6\ \square \\ + 3\ 5\ 5 \\ \hline \square\ 2\ 3 \\ \hline \end{array}$ (b) $\begin{array}{r} \square\ 8\ 6 \\ + 3\ 8\ 9 \\ \hline \square\ 0\ \square\ \square \\ \hline \end{array}$ (c) $\begin{array}{r} 3\ \square\ 4\ 2 \\ + \square\ 4\ 6\ \square \\ \hline 4\ 7\ 1\ 0 \\ \hline \end{array}$ (d) $\begin{array}{r} 7\ 0\ 4\ \square \\ + 2\ \square\ 9\ 9 \\ \hline \square\ 9\ \square\ 4 \\ \hline \end{array}$ (e) $\begin{array}{r} 3\ 2\ \square \\ 2\ \square\ 8 \\ + \square\ 7\ 6 \\ \hline 8\ 4\ 5 \\ \hline \end{array}$

(f) $\begin{array}{r} 1\ 2\ \square\ \square\ 6 \\ + 7\ 5\ 6\ \square \\ \hline \square\ \square\ 1\ 2\ 4 \\ \hline \end{array}$ (g) $\begin{array}{r} \square\ 0\ 6\ 1 \\ 2\ \square\ 0\ \square \\ + \square\ 0\ \square\ 4 \\ \hline 6\ 6\ 6\ 6 \\ \hline \end{array}$ (h) $\begin{array}{r} 5\ 9\ 7\ 6 \\ \square\ 8\ 4\ \square \\ + 3\ \square\ 0\ 3 \\ \hline \square\ 2\ 3\ 2\ 0 \\ \hline \end{array}$ (i) $\begin{array}{r} 6\ \square\ 9\ 0\ 0\ \square\ 0 \\ + \square\ 9\ 0\ \square\ \square\ 1\ 9 \\ \hline 9\ 9\ \square\ 1\ 0\ 0\ \square \\ \hline \end{array}$

PUPIL NAME

TEACHER INFORMATION

Objectives

Continues and completes number patterns by following set rules.
Recognises and writes missing components in number sentences.

Concepts required

Rules and patterns

Use of $<$, $>$ and $=$ signs

Using brackets first in any number sentence

Fractions, decimals, percentages

Answers

- (a) 18 (b) 46 (c) 156
(d) 230 (e) 1098 (f) 6850
- (a) 7 (b) 18 (c) 42
(d) 71 (e) 365 (f) 2775
- (a) 16, 32, 64, 128, 256 – Double each number
(b) 16, 25, 36, 49, 64 – Add on by odd numbers
(c) 9, 8, 11, 10, 13 – Add 3, subtract 1
(d) 16, 64, 32, 128, 64 – Halve, multiply by 4
- (a) $>$ (b) $=$ (c) $=$
(d) $<$ (e) $>$ (f) $<$
(g) $<$ (h) $>$ (i) $>$
- (a) $(7 \times 3) + 4 = 25$ (b) $8 + (3 \times 5) < 25$
(c) $(3 \times 3) + (10 - 3) > 15$ (d) $(30 \times 5) - 50 = 100$
(e) $(11 - 7) \times (36 \div 12) = 12$ (f) $(24 \div 8) \times (8 - 6) = 6$
- (a) false (b) false (c) true
(d) true (e) true (f) false
(g) false (h) true (i) false
- Answers will vary.

NUMBER SENTENCES AND PATTERNS

NUMBER

1. Double each number.

- (a) $9 = \underline{\quad}$ (b) $23 = \underline{\quad}$ (c) $78 = \underline{\quad}$ (d) $115 = \underline{\quad}$
 (e) $549 = \underline{\quad}$ (f) $3425 = \underline{\quad}$

2. Halve each number.

- (a) $14 = \underline{\quad}$ (b) $36 = \underline{\quad}$ (c) $84 = \underline{\quad}$ (d) $142 = \underline{\quad}$
 (e) $730 = \underline{\quad}$ (f) $5550 = \underline{\quad}$

3. Complete these number sequences. Write the rule.

- (a) 1, 2, 4, 8, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$

- (b) 0, 1, 4, 9, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$

- (c) 2, 5, 4, 7, 6, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$

- (d) 8, 4, 16, 8, 32, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$, $\underline{\quad}$

4. Use $<$, $>$ or $=$ to make these number sentences true.

(a) $8 + 2 \square 6.75 + 1.25$

(b) $75\% \square 0.75$

(c) $(8 \times 4) + 8 \square 4 \times 10$

(d) $20\% \text{ of } 100 \square \frac{1}{4}$

(e) $50 \times 50 \square 250$

(f) $3 \times (6 + 2) \square 42$

(g) $(20 - 16) \times 11 \square 45$

(h) $2.5 \square 25\%$

(i) $72 \square 6 + (9 \times 7)$

5. Add brackets to make these number sentences true.

(a) $7 \times 3 + 4 = 25$

(b) $8 + 3 \times 5 < 25$

(c) $3 \times 3 + 10 - 3 > 15$

(d) $30 \times 5 - 50 = 100$

(e) $11 - 7 \times 36 \div 12 = 12$

(f) $24 \div 8 \times 8 - 6 = 6$

6. Write true or false.

(a) $19 - 6 = 12$

(b) $91 \times 0 = 91$

(c) $8 + 9 + 5 = 22$

(d) $\frac{1}{2} + \frac{1}{4} = 0.75$

(e) $7 \times 8 > 55$

(f) $25\% \text{ of } 100 > 25$

(g) $(6 \times 4) + 18 < 40$

(h) $(9 \times 9) + 9 = 9 + (9 \times 9)$

(i) $0.42 + 0.58 < 100$

7. Write a number sentence to equal each number. Use each of the four operations in each number sentence.

(a) $40 = \square$

(b) $100 = \square$

(c) $1 = \square$

(d) $201 = \square$

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