

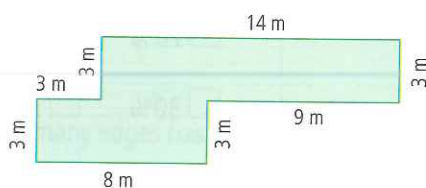
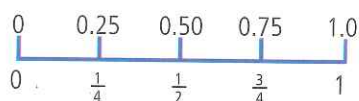


- $0.8 \div 0.2 = \frac{0.8}{0.2} \times \frac{10}{10} = \frac{8}{2} = \underline{\hspace{2cm}}$
- 0.96, 0.97, 0.98, 0.99,  $\underline{\hspace{2cm}}$
- What is the perimeter of a regular hexagon with 60-mm sides?  $\underline{\hspace{2cm}}$  mm
- $-7 + +3 = \underline{\hspace{2cm}}$
- The total cost 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?  $\underline{\hspace{2cm}}$  cm<sup>2</sup>
- 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.  $\underline{\hspace{2cm}}$

- 

 Rotate the triangle 450° anticlockwise. Draw its new position.

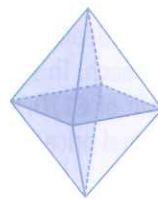
- 
 Circle the chance of a head/tail or a tail/head.



- Area =  $\underline{\hspace{2cm}}$  m<sup>2</sup>
- Perimeter =  $\underline{\hspace{2cm}}$  m

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

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

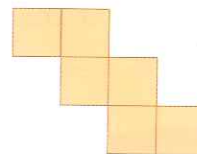


- $0.9 \div 0.3 = \underline{\hspace{2cm}}$
- $-4 + +9 = \underline{\hspace{2cm}}$
- 75,000, 150,000, 225,000,  $\underline{\hspace{2cm}}$
- 5 l 450 ml =  $5 \frac{450}{1,000}$  l = 5.  $\underline{\hspace{2cm}}$  l
- An angle of 90° is a  $\underline{\hspace{2cm}}$  angle.

- What is the perimeter?  
 $\underline{\hspace{2cm}}$  mm



- $66\frac{2}{3}\% = \frac{2}{3} = 0. \underline{\hspace{2cm}}$
- This is a net of a  $\underline{\hspace{2cm}}$ .
- $6^2 = \underline{\hspace{2cm}}$
- Is the formula: area =  $l - w$  correct?  $\underline{\hspace{2cm}}$
- Will a hexagon and a square tessellate together?  
 $\underline{\hspace{2cm}}$



- A cube has 3-cm by 3-cm faces.  
What is the cube's surface area?  $\underline{\hspace{2cm}}$  cm<sup>2</sup>

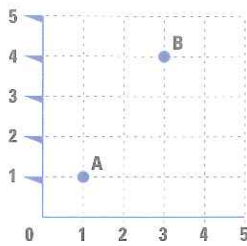
- Draw the axis of symmetry on the irregular pentagon.



- Round 6.14 to 1 decimal place.  $\underline{\hspace{2cm}}$
- Tick which would be the best to measure the height of your teacher.  
☐ ruler ☐ trundle wheel ☐ metre stick
- $9\% = 0. \underline{\hspace{2cm}}$
- The value of the 9 in 952,075 is  $\underline{\hspace{2cm}}$ .
- $4,000,000 - 400,000 = \underline{\hspace{2cm}}$

1.  $5 \div \frac{1}{4} = 5 \times \underline{\hspace{2cm}} = 20$

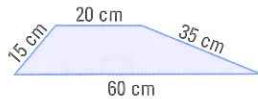
2. Write the coordinates of Point A.  
                    



3. Write the coordinates of Point B.  
                    

4. 1.07, 1.08, 1.09,                     

5. What is the perimeter?                      cm



6.  $8^2 = \underline{\hspace{2cm}}$

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

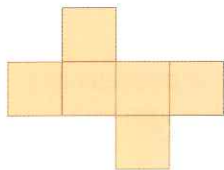
8.  $37\frac{1}{2}\% = \frac{3}{8} = 0.\underline{\hspace{2cm}}$

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<sup>2</sup>

11. 110% = (decimal)                     

12. This is a net of a                     .



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

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?  
                    

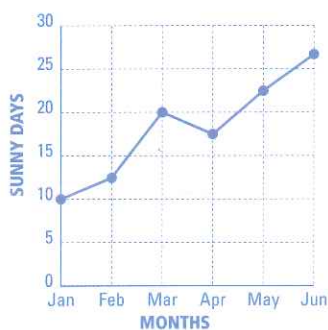
16. Which month had the most sunny days?  
                    

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.  $-5 + +3 = \underline{\hspace{2cm}}$

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.  $1.2 \div 4 = \underline{\hspace{2cm}}$

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

6.  $7\text{ L } 945\text{ mL} = 7\frac{945}{1,000}\text{ L} = 7.\underline{\hspace{2cm}}\text{ L}$

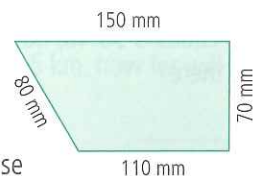
7. Which digit in the decimal 4.705 is the hundredth?  
                    

8.  $\frac{1}{3} + \frac{1}{6} = \underline{\hspace{2cm}}$

9.  $5.5 - 0.9 = \underline{\hspace{2cm}}$

10. What is the perimeter?

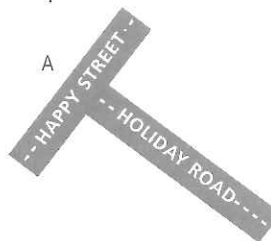
                     mm



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

12. Match the roads.

Perpendicular =                      Parallel =                     



B -----CHOCOLATE WAY-----

-----BEACH STREET-----

13.  $12 \div \frac{1}{3} = 12 \underline{\hspace{2cm}} 3$   
 $\div \times \div$

14.  $80\% = \frac{8}{10} = 0.\underline{\hspace{2cm}}$

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

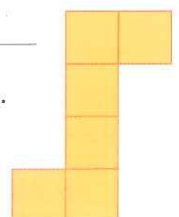
16. 1 whole =                      %

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

                     cm<sup>2</sup>

18. Round 2.056 to 1 decimal place.                     

19. This is a net of a                     .



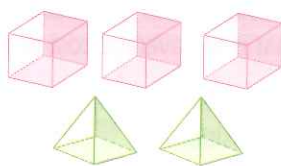
20.  $7 \times \underline{\hspace{2cm}} = 28$



# PROBLEM-SOLVING

## Monday

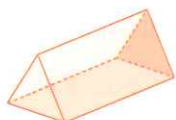
1. What is the ratio of square-based pyramids to cubes?



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?

\_\_\_\_\_

# FRIDAY REVIEW

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. 

60,000	150,000
240,000	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?

\_\_\_\_\_  $\text{cm}^2$

15. Complete the magic square.

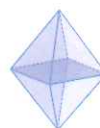
	9	
	5	
8	1	

16. An octahedron has

\_\_\_\_\_ faces.

\_\_\_\_\_ edges.

\_\_\_\_\_ vertices.



17. What do we call an angle that is between  $180^\circ$  and  $360^\circ$ ?

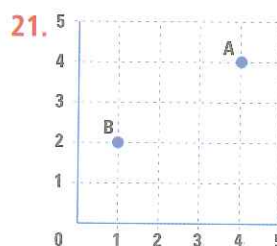
\_\_\_\_\_

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

19. Rotate this shape  $450^\circ$  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.  $\frac{1}{8} + \frac{1}{4} =$  \_\_\_\_\_