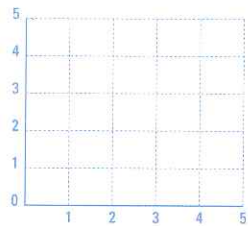## MONDAY

1. Write the numeral 1.3 million.

_____

2. $2.1 \div 0.7 =$ _____

3. If you enlarge this line ⊢—⊣ by 4:1, the new line will equal _____ cm.

4. Is the formula: diameter $= 2 \times r$ correct? _____

5. Tick which would be better to weigh a potato.
   ☐ kitchen scales   ☐ bathroom scales

6. $5 \, l \, 4 \, ml = 5\frac{4}{1,000} \, l = 5.$_____ l

7. $\frac{1}{2} \times \frac{1}{4} =$ _____

8. $9^2 =$ _____

9. Liam had 5 new different-coloured pencils in his bag. The chance of randomly choosing a singular colour is
   ☐ 100%.   ☐ 0.2.
   ☐ 5 in 1.   ☐ 0.5.

10. What is the average shoe size? 4, 10, 13 _____

11. $10^5 =$ _____

12. Plot these coordinates for a triangle.
    (1,1), (5,1) and (5,5)

13. $7.205 \, kg =$ _____ g

14. $a + 2.3 = 3.1$, so $a =$ _____

15. A cube has six 3-cm by 3-cm square faces.

    What is its surface area? _____ cm²

16. The area of the house is 70 m². What is the area of the garden?

    _____ m²

17. The perimeter of the house is 34 m. What is the perimeter of the garden?

    _____ m

18. There are 0.6 euro to 1 Canadian dollar. How many euro would you exchange for 20 Canadian dollars?

    € _____

19. $10 \div 0.1 =$
    ☐ $10 \times \frac{10}{1}$ ☐ $10 \div 1$ ☐ $10 \div 1.0$

20. $8,000,000 - 80,000 =$ _____

TUESDAY

1. If there are ¥116 to €1.00, how many euro would you get for ¥1,160?

   € _____

2. What is the floor area of a kitchen 10 m by 3.5 m?

   _____ m²
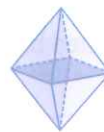
3. An octahedron has

   _____ faces.   _____ edges.   _____ vertices.
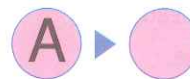
4. Write the numeral 6.09 million.

   _____

5. 63,000, 71,000, 79,000, _____

6. Round 14.9721 to three decimal places. _____

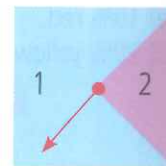7. $2.5 \div 0.5 =$ _____

8. 15, 21, 23, 19, 27
   What is the average of these ages? _____

9. Rotate 540° clockwise.
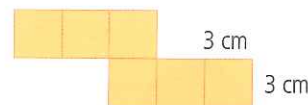

10. $\frac{1}{2} \times \frac{1}{2} =$ _____

11. What is the chance of spinning a 2? Show as an 'x' on the chance line.

    0   0.25   0.50   0.75   1.0

12. What is the chance of spinning a 1? Show as a • on the chance line.

13. A shape has six 4-cm by 2-cm faces. What is the shape's surface area? _____ cm²

14. What is the surface area of this cube?

    3 cm
    3 cm

    _____ cm²

15. $80,000 = 8 \times 10y$, so $y =$ _____

16. $6\frac{1}{4} - \frac{3}{4} =$ _____

17. There are 6 euro to 10 Australian dollars. How many euro would you exchange for 50 Australian dollars?

    € _____

18. $1.07 \, m =$ _____ cm

19. Order the fractions from smallest to largest.

    $\frac{7}{8}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{2}$

    _____, _____, _____, _____

20. 1 km 750 m = _____ m

1. Write the numeral 2.75 million. _____

2. Round 21.5875 to three decimal places. _____

3. What is the average of these shoe sizes? 4, 7, 5, 3, 6

_____

4. $\frac{3}{4}$, $1\frac{1}{4}$, $1\frac{3}{4}$, $2\frac{1}{4}$, _____, _____

5. What is the length of this line ⊢ if it is lengthened

by 3:1? _____ cm

6. The time is 2.30 p.m. in Ireland and 9.30 a.m. in New York on the same day. What is the time difference?

_____

7. Is the formula: diameter $= 4 \times r$ correct? _____

8. Tick which would be better to weigh a bag of sugar.

☐ kitchen scales   ☐ bathroom scales

9. $\frac{1}{9} \times \frac{1}{9} =$ _____

10. Decrease €70 by 0.7. € _____

11. Write the prime numbers from 10 to 20.

_____, _____, _____ and _____

12. What should you earn if you received double time for 6 hours of work? (Normal rate €10.00 per hour.)

€ _____

13. $4^2 + 5^2 =$ _____

14. 8.005 m = _____ mm

15. $2\frac{1}{2} > 2.055$ ☐ True   ☐ False

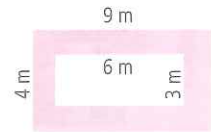**Average Height of Children Aged 8–12**
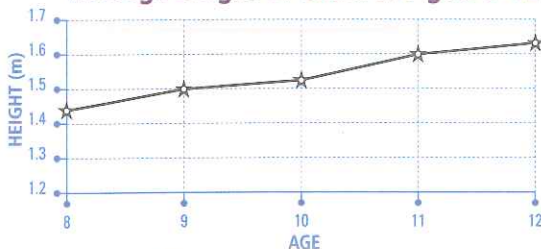
16. Which age has an average height of 1.5 m? _____

17. Which age has the tallest children? _____

18. How much taller are 11-year-olds than 9-year-olds?

_____ m

19. Which age has an average height of 1.44 m? _____

20. How much taller are 9-year-olds than 8-year-olds?

_____ cm

1. What is the perimeter of a square with 9-cm sides?

_____ cm

2. $2.4 \div 4 =$ _____

3. What is the shaded area? _____ m²

4. Write the numeral 3.05 million.

_____

5. 3 ℓ 55 mℓ $= 3\frac{55}{1,000}$ ℓ $= 3.$_____ ℓ

6. $\frac{3}{4} \times \frac{1}{2} =$ _____

7. What is the average? 2, 4, 5, 6, 8 _____

8. 15,000 , 95,000 , 175,000 , _____

9. $\frac{1}{2} + \frac{1}{3} =$ _____

10. There are 7 euro to 1,000 Japanese yen. How many euro would you exchange for 5,000 Japanese yen?

€ _____

11. $3.75 + 0.25 =$ _____

12. There are 4 roses for every 3 daffodils in a bouquet of 35 flowers. How many daffodils are in the bouquet?

_____

13. $\sqrt{9} =$ _____

14. What do you call an angle that is between 180° and 360°? _____

15. $\frac{1}{5}$ of an hour = _____ minutes

16. Is the formula: diameter $= 3 \times r$ correct? _____

17. $7\frac{1}{4} < 7.3$ ☐ True   ☐ False

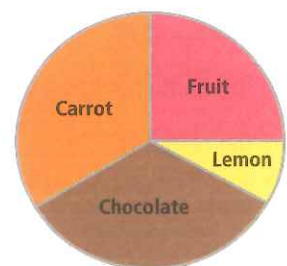**18.** $\frac{2}{3}$ of an hour = _____ minutes

19. $y \times \frac{3}{5} = \frac{3}{5}$, so $y =$ _____

20. 6th Class Favourite Cakes
8 children liked chocolate, which is $\frac{1}{3}$ of the pie chart.
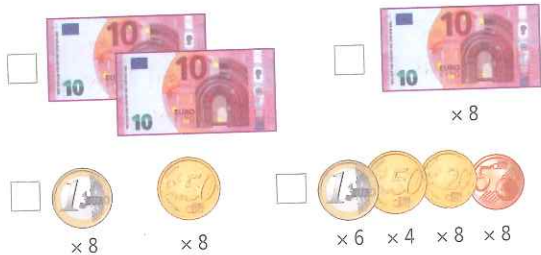
(a) How many liked lemon?

_____

(b) How many liked carrot?

_____

Monday

1. Which set of money is the amount given to each of the 10 pupils who won an equal share of €100?

☐ €10 note ×8   ☐ €10 note ×8

☐ ×8   ×8   ☐ ×6   ×4   ×8   ×8

2. There were 12 cars and 5 motorbikes in a car park. Each car had 1 spare tyre in the boot. In total, how many tyres were in the car park?

_____

Tuesday

1. 8 pupils equally divided €20.
  (a) How much did each get? € _____
  (b) What is the least number of coins each received?

€ _____ × _____ and _____ c × _____

2. A bank orders 2 euro coins and 1 euro coins in the ratio of 2:3. The last order was for €3,000 in 1 euro coins. What was the value of the 2 euro coins?
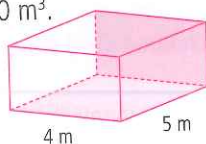
€ _____

Wednesday

1. A bank orders €20 notes and €5 notes in the ratio of 1:5. The last order was for €10,000 in €20 notes. What was the number of €20 notes?

_____

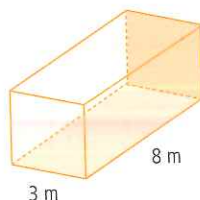**2.** What was the value of the €5 notes? € _____

Thursday

1. This container has a volume of 60 m³. What is its height?

_____ m

4 m   5 m

2. This container has a volume of 120 m³.
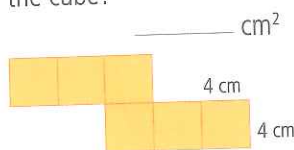
The height is _____ m.

8 m
3 m

1. $\frac{3}{5}$ of an hour = _____ minutes

2. $2.8 \div 0.7 =$ _____

3. Write the numeral 3.2 million.

_____

4. Is the formula: diameter of a circle $= d \times r$ correct?

_____

5. What is the surface area of the cube?

_____ cm²
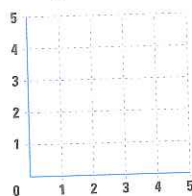

4 cm
4 cm

6. $7 \, l \, 25 \, ml = 7\frac{25}{1,000} \, l$

$= 7.$ _____ l

7. $\frac{1}{4} \times \frac{1}{2} =$ _____
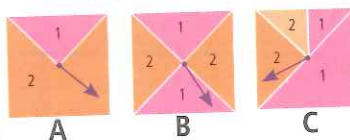
8. 2 km 310 m = _____ km

9. Plot these coordinates for a triangle. (1,1), (0,4) and (5,1)

10. Write in ascending order.
  3%,   0.3, $8\frac{1}{2}$,   51%

_____, _____,

_____, _____

11. Which spinner has a 0.5 chance of landing on 2?

_____

A   B   C

12. Write the numeral twenty point three six.

_____

13. 2.03 m = _____ cm

14. There are 0.6 euro to 1 Canadian dollar. How many euro would you exchange for 10 Canadian dollars?
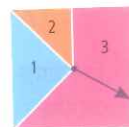
€ _____

15. $8.75 + 0.25 =$ _____

16. What is the probability, as a fraction, of spinning a

3? _____

2? _____

1? _____

17. Tick which would be the best to measure the length of a computer screen.

☐ ruler

☐ trundle wheel

☐ metre stick

18. $3^2 + 5^2 =$ _____

19. |—————|

Enlarge this line by 3:1.

_____ cm

20. $\sqrt{36} =$ _____

21.

K ▷ ☐

Draw to show a rotation of 540° clockwise.

22. Round 16.5093 to 3 decimal places.

_____

23. Increase €200 by 0.5.

€ _____

24. Order the fractions from smallest to largest.

$\frac{1}{2}$ $\frac{8}{9}$ $\frac{1}{3}$ $\frac{4}{6}$

_____, _____,

_____, _____

25. $^-3 + {}^+6 =$ _____