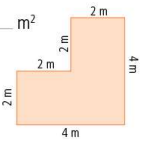







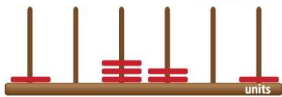



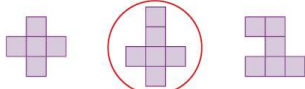


Mental Maths
Week 30

WEDNESDAY

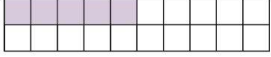
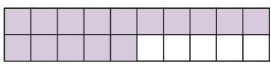
- The average of these numbers is 100.
50 0 150 200 100
- Write the number before 19,000. 18,999
- Area = 12 m².

- Write as a number sentence and solve it. Jane shared 90 sweets among six people.
90 ÷ 6 = 15
- $6.45 \times 2 =$ 12.9
- $\frac{2}{5} = \frac{8}{20}$
- $98.25 - 23.61 =$ 74.64
- The place value of the 8 in 36.008 is
 tenths. hundredths. thousandths.
- Which letter is not symmetrical? Z A T K
- 75% of 40 = 30
- $(25 \div 5) - 3 =$ 2

- This angle is likely to be
 80°. 90°. 60°. 100°.
- Colour $\frac{3}{10}$.

- Write the decimal eight-tenths. 0.8
- €50.00 - €31.00 = € 19.00
- Which shape is a pentagon?
   
- Write 10.30 p.m. in 24-hour time.
22.30 hours
- $15,000 - 4,500 =$ 10,500
- How many degrees has a right angle? 90 °
- Write 2 a.m. in 24-hour time.
02:00 hours

THURSDAY

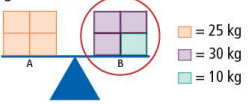
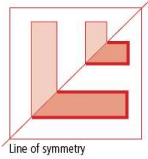
- The average of these numbers is 8.
8 4 7 9 12
- A tetrahedron has 4 vertices.
- $30 \times 50 =$ 1,500
- $5 \times 9 \times 200 =$ 9,000
- $1,500 - 900 =$ 600
- The value of the abacus is 103,201.

- Write as a number sentence and solve it. Mike runs 100 metres 5 times. How far does he run altogether?
100 m x 5 = 500 m
- Write the number before 100,010.
100,009
- $\frac{2}{5}$ of 18 = 10
- Use  or .

- Eight pizza quarters make 2 whole pizzas.
- $\frac{3}{4} - \frac{3}{8} =$ $\frac{3}{8}$
- $8.25 \times 4 =$ 33
- Circle the net that will make a cube.

- Simplify $\frac{5}{20}$. $\frac{1}{4}$
- €50.00 - €37.50 = € 12.50
- $900 + 80 + 9 + 1,000 =$ 1,989
- $3 \times 3 \times 3 =$ 27
- 75% of 80 = 60
- Share €90.00 among 6 people, where one receives €30.00, and the others 5 equal amounts.
The others will receive € 12.

PROBLEM-SOLVING


Monday

- Colour 25%.

- Colour 75%.


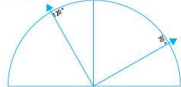
Tuesday

- Balance the scales using 30 kg and 10 kg weights.

A B ■ = 25 kg
■ = 30 kg
■ = 10 kg
- Draw the other half of this image.

Line of symmetry

Wednesday

- Which tetromino has symmetry?

- An electric car travels 50 km on half an hour of charge. How many kilometres is possible with $6\frac{1}{2}$ hours of charge?
650 km

Thursday

- What is the size of the angle?
90 °

- Complete the pattern.

2	5
14	9

 \triangleright

3	6
15	10


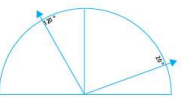

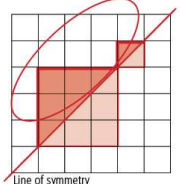

 \triangleright

4	7
16	11

 \triangleright

5	8
17	12

FRIDAY REVIEW

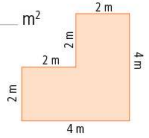
- The average of these numbers is 8.
16 4 8 12 0
- $0.5 + 0.02 + 3 =$ 3.52
- Write the number before 99,000.
98,999
- This is a net of a hexagonal pyramid.

- $50 \times 40 =$ 2,000
- $\frac{5}{100} = 0.$ 05
- Eight apple quarters are how many apples?
2
- What is the size of the angle?
100 °

- $5 \times 0.03 =$ 0.15
- $2 \times 3 \times 4 =$ 24
- $\frac{4}{6} - \frac{1}{3} =$ $\frac{1}{3}$
- $5.45 - 1.3 =$ 4.15
- How many edges has a square-based pyramid?
8
- Draw a 90° turn clockwise.

- $12,000 - 6,500 =$ 5,500
- Write as a number sentence and solve it. Add 70 apples to 80 apples.
70 + 80 = 150
- $79.28 - 52.63 =$ 26.65
- 10% of 90 = 9
- $\frac{4}{9}$ of 27 = 12
- $63 - 8 =$ 15 + 40
- Draw the other half.

Line of symmetry
- $75\% \text{ of } 60 =$ 45
- $36 \times 5 \times 200 =$ 36,000
- The value of the abacus is 150,203.

- A triangular prism consists of 2 triangles and 3 rectangles.

WEDNESDAY

1. The average of these numbers is 100.
50 0 150 200 100

2. Write the number before 19,000. 18,999

3. Area = 12 m²



4. Write as a number sentence and solve it.
Jane shared 90 sweets among six people.

$$90 \div 6 = 15$$

5. $6.45 \times 2 =$ 12.9

$$\frac{2}{5} = \frac{8}{20}$$

7. $98.25 - 23.61 =$ 74.64

8. The place value of the 8 in 36.008 is
 tenths. hundredths. thousandths.

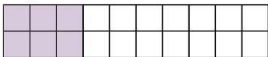
9. Which letter is not symmetrical? Z A T K

10. 75% of 40 = 30

11. $(25 \div 5) - 3 =$ 2

12. This angle is likely to be
 80°. 90°. 60°. 100°.

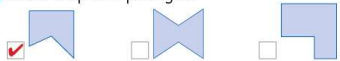
13. Colour $\frac{3}{10}$.



14. Write the decimal eight-tenths. 0.8

15. €50.00 - €31.00 = € 19.00

16. Which shape is a pentagon?



17. Write 10.30 p.m. in 24-hour time.

22.30 hours

18. $15,000 - 4,500 =$ 10,500

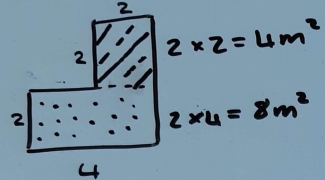
19. How many degrees has a right angle? 90°

20. Write 2 a.m. in 24-hour time.

02:00 hours

Mental Maths Wednesday

3. Area = $L \times W$



$$4 + 8 = 12 \text{ m}^2$$

$$6. \frac{2}{5} \times 4 = \frac{8}{20}$$

$$7. \begin{array}{r} 98.25 \\ - 23.61 \\ \hline 74.64 \end{array}$$

TU t h th

$$8. \underline{36.008}$$

9. Z A T K

10. 75% of 40

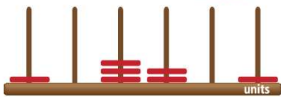
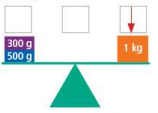
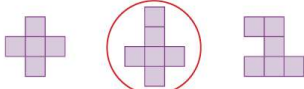
$$75\% = \frac{3}{4}$$

$$\frac{1}{4} \text{ of } 40 = 10$$

$$\frac{3}{4} = 10 \times 3 = 30$$

$$14. \begin{array}{r} u \cdot t \\ 0 \cdot 8 \end{array}$$

THURSDAY

- The average of these numbers is 8.
8 4 7 9 12
- A tetrahedron has 4 vertices.
- $30 \times 50 =$ 1,500
- $5 \times 9 \times 200 =$ 9,000
- $1,500 - 900 =$ 600
- The value of the abacus is 103,201.

- Write as a number sentence and solve it. Mike runs 100 metres 5 times. How far does he run altogether?
 $100 \text{ m} \times 5 = 500 \text{ m}$
- Write the number before 100,010.
100,009
- $\frac{5}{9}$ of 18 = 10
- Use \downarrow or $=$.

- Eight pizza quarters make 2 whole pizzas.
- $\frac{3}{4} - \frac{3}{8} =$ $\frac{3}{8}$
- $8.25 \times 4 =$ 33
- Circle the net that will make a cube.

- Simplify $\frac{5}{20}$. $\frac{1}{4}$
- $€50.00 - €37.50 = €$ 12.50
- $900 + 80 + 9 + 1,000 =$ 1,989
- $3 \times 3 \times 3 =$ 27
- 75% of 80 = 60
- Share €90.00 among 6 people, where one receives €30.00, and the others 5 equal amounts.
The others will receive € 12.

Mental Maths Thursday

6. $\begin{array}{cccccc} \text{H}^{\text{TH}} & \text{T}^{\text{TH}} & \text{TH} & \text{H} & \text{T} & \text{U} \\ | & | & | & | & | & | \\ \hline 1 & 0 & 3, & 2 & 0 & 1 \end{array}$

9. $\frac{5}{9}$ of 18

$$\frac{1}{9} \text{ of } 18 = 18 \div 9 = 2$$

$$\frac{5}{9} = 2 \times 5 = 10$$

11. Eight pizza quarters



12. $\frac{3}{4} - \frac{3}{8} = \frac{6}{8} - \frac{3}{8} = \frac{3}{8}$

$$\frac{3}{4} \begin{array}{l} \times 2 \\ \times 2 \end{array} = \frac{6}{8}$$

15. Simplify $\frac{5}{20} \div 5 = \frac{1}{4}$

19. 75% of 80

$$75\% = \frac{3}{4}$$

$$\frac{1}{4} \text{ of } 80 = 20$$

$$\frac{3}{4} = 20 \times 3 = 60$$

20. €90.00 among 6 people

One person receives €30

$$€90 - €30 = €60$$

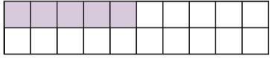
Five people left

$$5 \overline{) 60.00} \\ \underline{12.00}$$

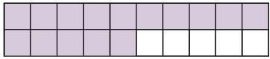
PROBLEM-SOLVING

Monday

1. Colour 25%.

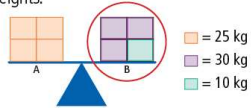


2. Colour 75%.

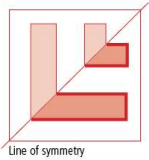


Tuesday

1. Balance the scales using 30 kg and 10 kg weights.

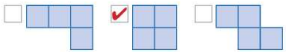


2. Draw the other half of this image.



Wednesday

1. Which tetromino has symmetry?



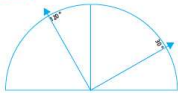
2. An electric car travels 50 km on half an hour of charge. How many kilometres is possible with $6\frac{1}{2}$ hours of charge?

650 km

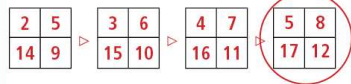
Thursday

1. What is the size of the angle?

90 °



2. Complete the pattern.



Mental Maths Problem Solving

Monday

1. 25% (of 20 blocks)

$$25\% = \frac{1}{4}$$

$$\frac{1}{4} \text{ of } 20 = 5 \text{ blocks}$$

2. 75% (of 20 blocks)

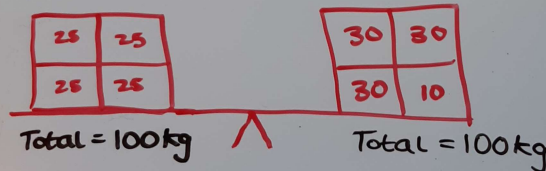
$$75\% = \frac{3}{4}$$

$$\frac{1}{4} \text{ of } 20 = 5$$

$$\frac{3}{4} = 5 \times 3 = 15 \text{ blocks}$$

Tuesday

1



Wednesday

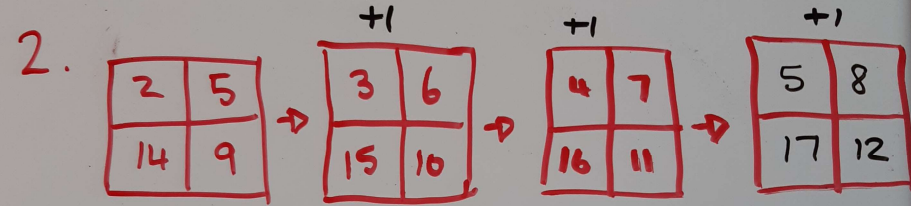
2. 50 km per 30 mins

$$6 \text{ hrs } 30 \text{ mins} = 30 \text{ mins} \times 13$$


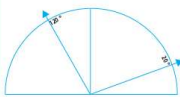

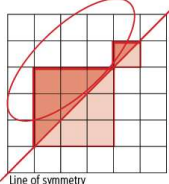

$$50 \text{ km} \times 13 = 500 \text{ km} + 150 \text{ km} = 650 \text{ km}$$

(tens
10 × 50)
(unit
3 × 50)

1. $120^\circ - 30^\circ = 90^\circ$



FRIDAY REVIEW

- The average of these numbers is 8.
16 4 8 12 0
- $0.5 + 0.02 + 3 =$ 3.52
- Write the number before 99,000.
98,999
- This is a net of a hexagonal pyramid.

- $50 \times 40 =$ 2,000
- $\frac{5}{100} = 0.$ 05
- Eight apple quarters are how many apples?
2
- What is the size of the angle?
100 °

- $5 \times 0.03 =$ 0.15
- $2 \times 3 \times 4 =$ 24
- $\frac{4}{6} - \frac{1}{3} =$ $\frac{1}{3}$
- $5.45 - 1.3 =$ 4.15
- How many edges has a square-based pyramid?
8
- Draw a 90° turn clockwise.

- $12,000 - 6,500 =$ 5,500
- Write as a number sentence and solve it. Add 70 apples to 80 apples.
70 + 80 = 150
- $79.28 - 52.63 =$ 26.65
- 10% of 90 = 9
- $\frac{4}{9}$ of 27 = 12
- $63 - 8 =$ 15 + 40
- Draw the other half.

- 75% of 60 = 45
- $36 \times 5 \times 200 =$ 36,000
- The value of the abacus is 150,203.

- A triangular prism consists of 2 triangles and 3 rectangles.

Mental Maths Friday

$$6. \frac{5}{100} = 0.05$$

$$7. \oplus \oplus$$

$$8. \begin{array}{c} 120^\circ \\ \text{---} \\ 20^\circ \end{array} \quad 120^\circ - 20^\circ = 100^\circ$$

$$11. \frac{4}{6} - \frac{1}{3} = \frac{4}{6} - \frac{2}{6} = \frac{2}{6}$$

$$\frac{1}{3} \stackrel{\times 2}{=} \frac{2}{6}$$

$$19. \frac{4}{9} \text{ of } 27$$

$$\frac{1}{9} \text{ of } 27 = 3$$

$$\frac{4}{9} = 3 \times 4 = 12$$

$$20. 63 - 8 = \underline{15} + 40$$

$$63 - 8 = 55$$

$$\underline{15} + 40 = 55$$

Mental Maths Friday

$$22. 75\% \text{ of } 60$$

$$75\% = \frac{3}{4}$$

$$\frac{1}{4} \text{ of } 60 = 15$$

$$\frac{3}{4} = 15 \times 3 = 45$$

24.

H	T	H	T	H	T	U