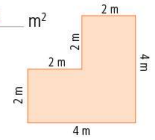
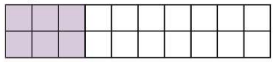
Mental Maths
Week 30

WEDNESDAY

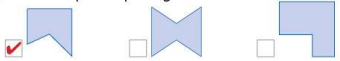
1. The average of these numbers is 100.
   50 0 150 200 100
2. Write the number before 19,000. 18,999
3. Area = 12 m²



4. Write as a number sentence and solve it.
   Jane shared 90 sweets among six people.
   90 ÷ 6 = 15
5. 6.45 × 2 = 12.9
6. $\frac{2}{5} = \frac{8}{20}$
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
   Z A T K
10. 75% of 40 = 30
11. (25 ÷ 5) – 3 = 2
12. This angle is likely to be
    ☑ 80°. ☐ 90°. ☐ 60°. ☐ 100°.
13. Colour $\frac{3}{10}$.



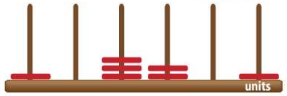
14. Write the decimal eight-tenths. 0.8
15. €50.00 – €31.00 = € 19.00
16. Which shape is a pentagon?



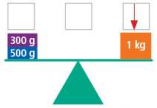
17. Write 10.30 p.m. in 24-hour time.
    22.30 hours
18. 15,000 – 4,500 = 10,500
19. How many degrees has a right angle? 90 °
20. Write 2 a.m. in 24-hour time.
    02:00 hours

THURSDAY

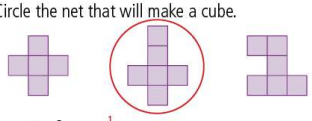
1. The average of these numbers is 8.
   8 4 7 9 12
2. A tetrahedron has 4 vertices.
3. 30 × 50 = 1,500
4. 5 × 9 × 200 = 9,000
5. 1,500 – 900 = 600
6. The value of the abacus is 103,201.



7. 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
8. Write the number before 100,010.
   100,009
9. $\frac{5}{9}$ of 18 = 10
10. Use ↓ or =.



11. Eight pizza quarters make 2 whole pizzas.
12. $\frac{3}{4} - \frac{3}{8} = \frac{3}{8}$
13. 8.25 × 4 = 33
14. Circle the net that will make a cube.

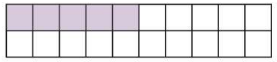


15. Simplify $\frac{5}{20}$. $\frac{1}{4}$
16. €50.00 – €37.50 = € 12.50
17. 900 + 80 + 9 + 1,000 = 1,989
18. 3 × 3 × 3 = 27
19. 75% of 80 = 60
20. Share €90.00 among 6 people, where one receives €30.00, and the others 5 equal amounts.
    The others will receive € 12.

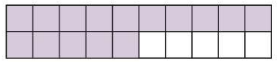
PROBLEM-SOLVING

Monday

1. Colour 25%.

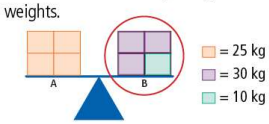


2. Colour 75%.

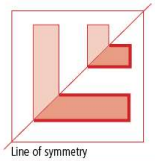


Tuesday

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

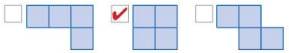


2. Draw the other half of this image.



Wednesday

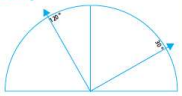
1. Which tetromino has symmetry?



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?



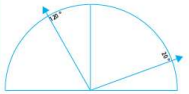
   90 °
2. Complete the pattern.

2	5	▷	3	6	▷	4	7	▷	5	8
14	9		15	10		16	11		17	12

FRIDAY REVIEW

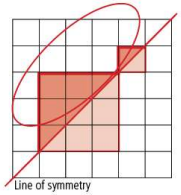
1. The average of these numbers is 8.
   16 4 8 12 0
2. 0.5 + 0.02 + 3 = 3.52
3. Write the number before 99,000.
   98,999
4. This is a net of a hexagonal pyramid.

5. 50 × 40 = 2,000
6. $\frac{5}{100}$ = 0.05
7. Eight apple quarters are how many apples?
   2
8. What is the size of the angle?
   100 °



9. 5 × 0.03 = 0.15
10. 2 × 3 × 4 = 24
11. $\frac{4}{6} - \frac{1}{3} = \frac{1}{3}$
12. 5.45 – 1.3 = 4.15
13. How many edges has a square-based pyramid?
    8
14. Draw a 90° turn clockwise.

15. 12,000 – 6,500 = 5,500
16. Write as a number sentence and solve it.
    Add 70 apples to 80 apples.
    70 + 80 = 150
17. 79.28 – 52.63 = 26.65
18. 10% of 90 = 9
19. $\frac{4}{9}$ of 27 = 12
20. 63 – 8 = 15 + 40
21. Draw the other half.

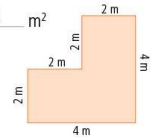


22. 75% of 60 = 45
23. 36 × 5 × 200 = 36,000
24. The value of the abacus is 150,203.

25. 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 ÷ 6 = 15
5. 6.45 × 2 = 12.9
6. $\frac{2}{5} = \frac{8}{20}$
7. 98.25 – 23.61 = 74.64
8. The place value of the 8 in 36.008 is
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9. Which letter is not symmetrical? Z A T K
10. 75% of 40 = 30
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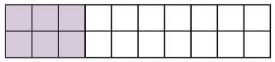

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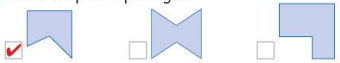

17. Write 10.30 p.m. in 24-hour time.
    22.30 hours
18. 15,000 – 4,500 = 10,500
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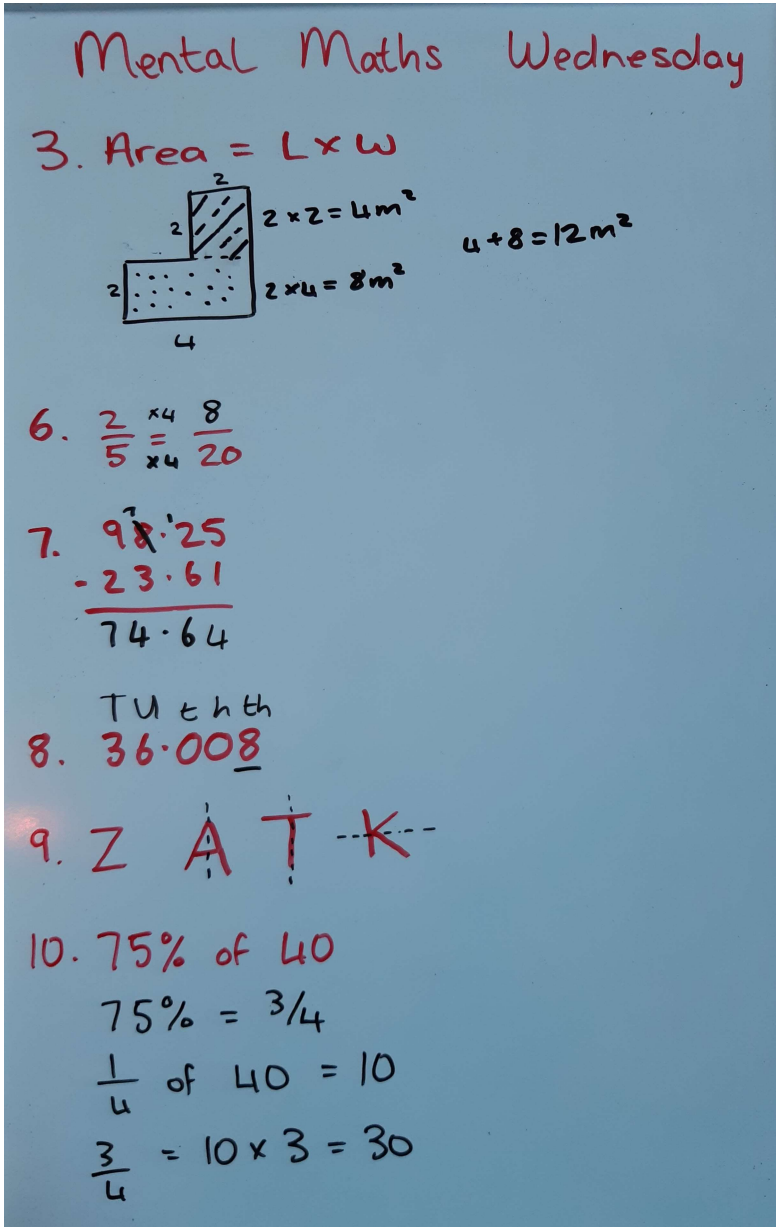
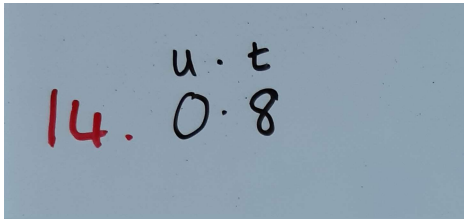




THURSDAY

1. The average of these numbers is 8.

   8 *4* *7* *9* *12*

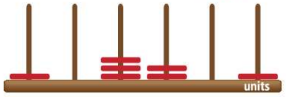
2. A tetrahedron has 4 vertices.

3. 30 × 50 = 1,500

4. 5 × 9 × 200 = 9,000

5. 1,500 – 900 = 600

6. The value of the abacus is 103,201.



7. Write as a number sentence and solve it. Mike runs 100 metres 5 times. How far does he run altogether?

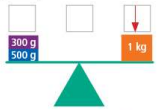
   100 m x 5 = 500 m

8. Write the number before 100,010.

   100,009

9. $\frac{5}{9}$ of 18 = 10

10. Use ↓ or =.



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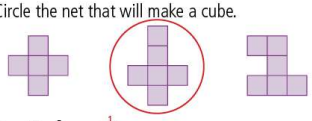

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18. 3 × 3 × 3 = 27

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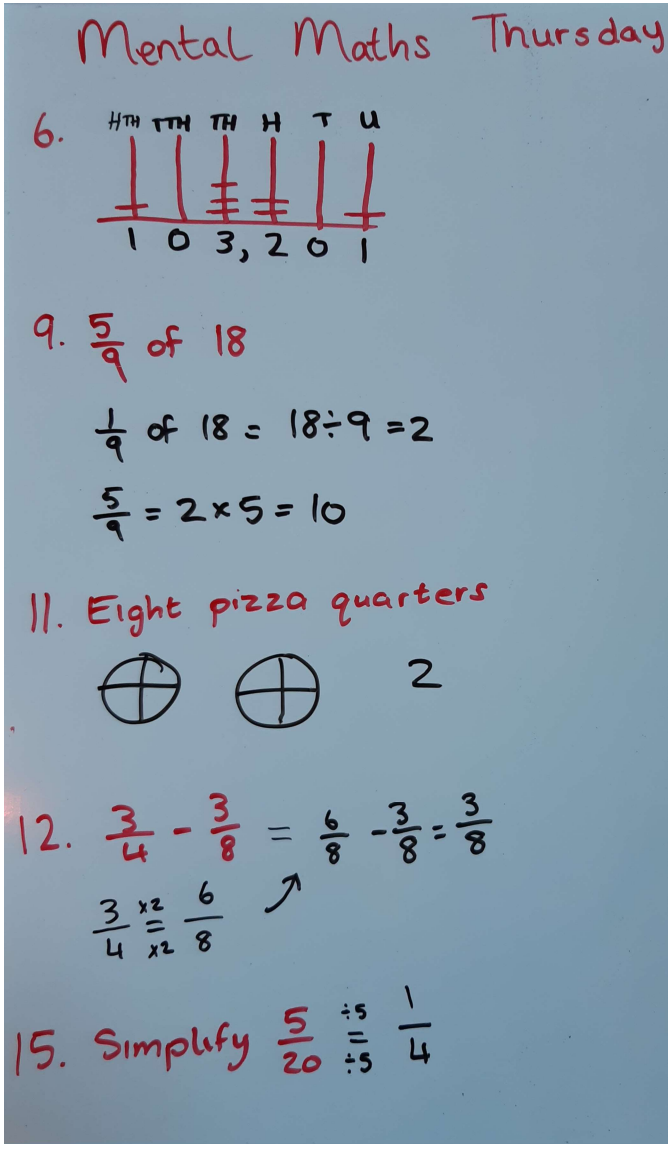
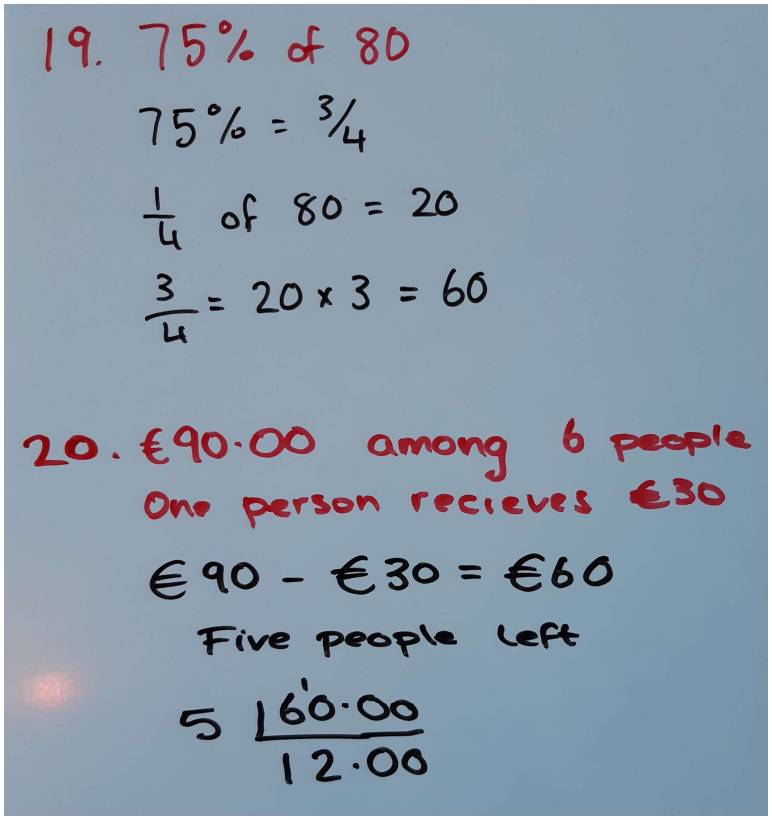
    The others will receive € 12.

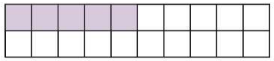




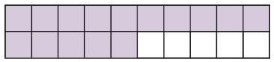
PROBLEM-SOLVING

Monday

1. Colour 25%.

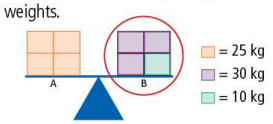


2. Colour 75%.



Tuesday

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



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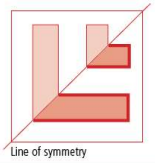


Wednesday

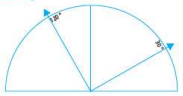
1. Which tetromino has symmetry?

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.

2	5	3	6	4	7	5	8
14	9	15	10	16	11	17	12

Mental Maths Problem Solving

Monday

1. 25% (of 20 Blocks)

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

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

2. 75% (of 20 blocks)

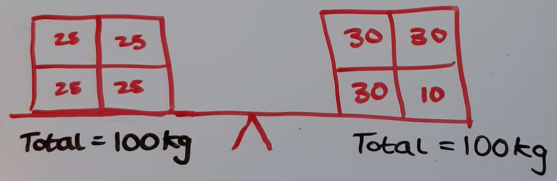
75% = 3/4

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

$\frac{3}{4}$ = 5 × 3 = 15 blocks

Tuesday

1



Wednesday

2. 50km per 30 mins

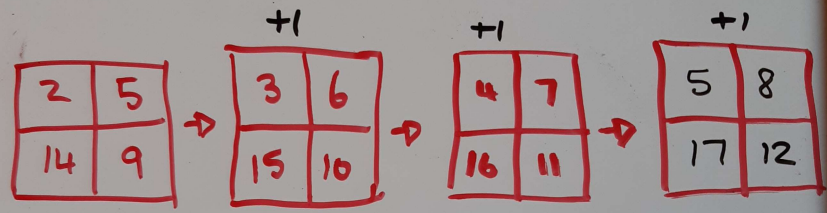
6hrs 30 mins = 30mins × 13

50km × 13 = 500km + 150km = 650km

(tens 10 × 50) (unit 3 × 50)

1. 120° - 30° = 90°

2.



FRIDAY REVIEW

1. The average of these numbers is 8.

   16 4 8 12 0

2. 0.5 + 0.02 + 3
   = 3.52

3. Write the number before 99,000.
   98,999

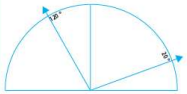
4. This is a net of a
   hexagonal pyramid.

5. 50 × 40
   = 2,000

6. $\frac{5}{100}$ = 0. 05

7. Eight apple quarters are how many apples?
   2

8. What is the size of the angle?
   100 °



9. 5 × 0.03 = 0.15

10. 2 × 3 × 4 = 24

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

12. 5.45 – 1.3 = 4.15

13. How many edges has a square-based pyramid?
    8

14. Draw a 90° turn clockwise.

15. 12,000 – 6,500
    = 5,500

16. Write as a number sentence and solve it. Add 70 apples to 80 apples.
    70 + 80
    = 150

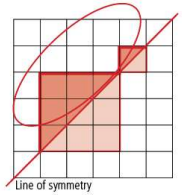
17. 79.28 – 52.63
    = 26.65

18. 10% of 90 = 9

19. $\frac{4}{9}$ of 27 = 12

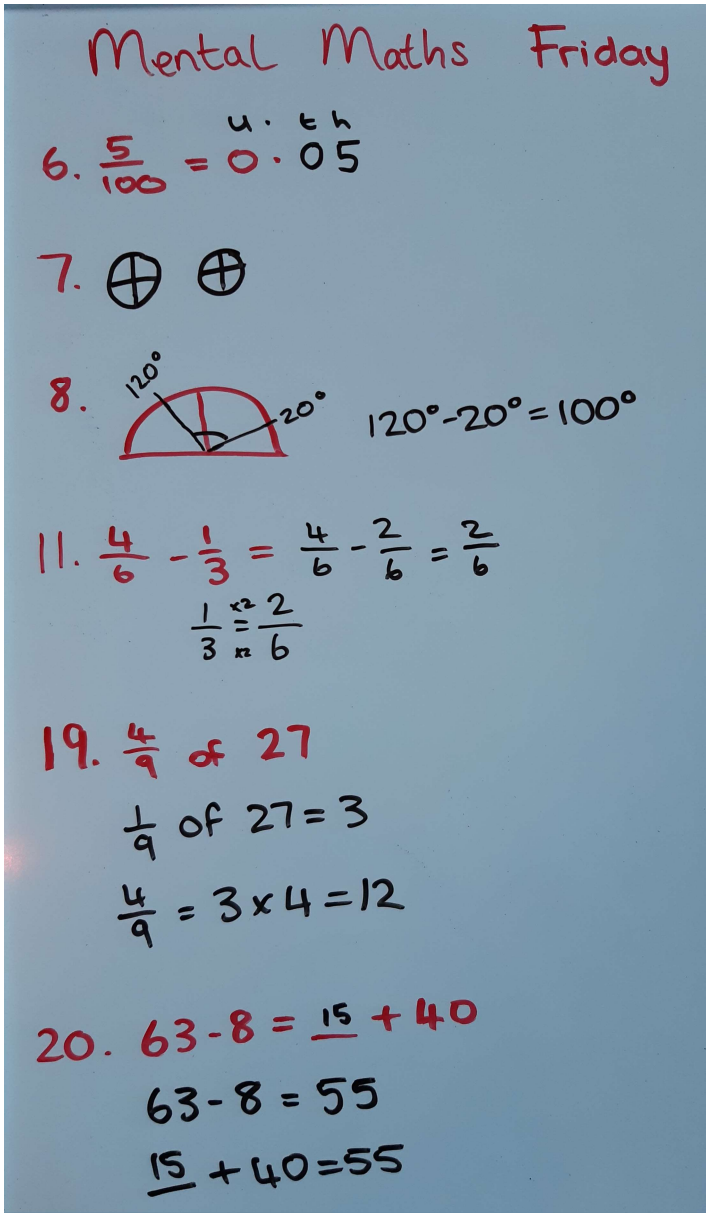
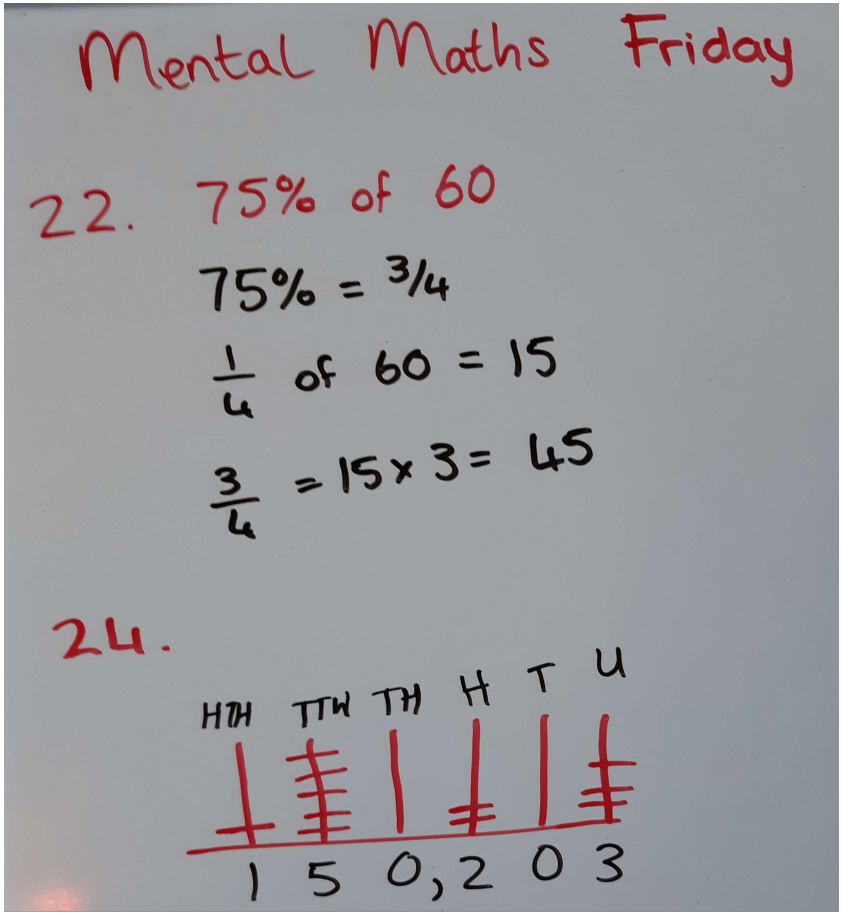
20. 63 – 8 = 15 + 40

21. Draw the other half.



22. 75% of 60 = 45

23. 36 × 5 × 200
    = 36,000

24. The value of the abacus is
    150,203.

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