Week 29

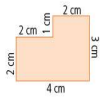
Monday

MONDAY

1. The average of these numbers is 4.

5 3 4 2 6

2. Area = 10 cm^2



3. 7 × 0.03 = 0.21

4. What is the perimeter of a square with 7-cm sides?

28 cm

5. 99,992 + 9 = 100,001

6. Write the numeral nine hundred thousand and nine.

900,009

7. 3 × 3 × 3 = 27

8. 25 – 9 = 16

9. The angles in a scalene triangle add up to

180 °.

10. 4.25 × 3 = 12.75

11. Write as a number sentence.
40 apples packed in 8 bags. How many in each bag?

40 ÷ 8 = 5

12. 85.29 – 61.57 = 23.72

13. The place value of the 7 in 63.751 is

☑ tenths. ☐ hundredths. ☐ thousandths.

14. 6^2 = 36

15. $\frac{3}{4}$ of 1 m = 75 cm

16. 5% of 100 = 5

17. This is a net of a

cube.

18. Round 145,990 to the nearest 1,000.

146,000

19. (27 ÷ 9) + 2 = 5

20. Is this a regular or irregular polygon?

irregular

Q2: (2x2)+(3x2) = 4+6 = 10

Q13: T U . t h th
6 3 . 7 5 1

Q14: $6^2 = 6\ x\ 6 = 36$

Q15: 3/4 of 1m
Find 1/4: 1m ÷ 4 = 100cm ÷ 4 = 25cm
So 3/4 is 1/4 x 3; 25cm x 3 = 75cm

Q16: 5% = 5/100
1/100 = 100 ÷ 100 = 1
So 5/100 is 1/100 x 5; 1 x 5 = 5

Q20: The definition of a regular shape is that all the sides and angles are equal.

TUESDAY

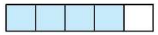
1. The average of these numbers is 10.

   6 12 10 8 14

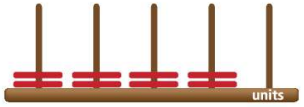
2. Four three-quarter pieces of cake are 3 whole cakes.
3. Radius = 5.2 cm, Diameter = 10.4 cm
4. 0.05 + 0.4 = 0.45
5. $\frac{1}{2} - \frac{2}{8} =$ $\frac{2}{8}$ or $\frac{1}{4}$
6. 3.25 × 4 = 13.00
7. $\frac{99}{100}$ = (decimal) 0.99
8. If a tin of paint covers 20 m², how many tins are needed for a fence 50 m long and 2 m high?

   5

9. Colour 80%.



10. 5% of 20 = 4
11. Abacus = 22,220



12. €20.00 – €12.40 = € 7.60
13. (80 ÷ 10) – 4 = 4
14. 880 – 440 = 440
15. $\frac{3}{4}$ = 75 %
16. 81,005 – 7 = 80,998
17. 596 × 10 = 5,960
18. $\frac{7}{25} = \frac{28}{100}$
19. The sum of 20 coins and 20 coins.

    € 30

20. This shape is a parallelogram.

Q2: $\frac{3}{4} + \frac{3}{4} + \frac{3}{4} + \frac{3}{4} =$ = 1+1 +1 = 3

Q4:

U	.	t	h
0	.	0	5
+ 0	.	4	

Q5: : $\frac{1}{2} - \frac{2}{8} = \frac{4}{8} - \frac{2}{8} = \frac{2}{8}$ or $\frac{1}{2}$

Q8: Area of fence = 50 x 2 = 100m^2

So if 1 tin covers 20 m^2, you would need 5 as 20 x 5 = 100

Q10: 5% of 20 5%= 5/100 or 1/20

1/20 of 20 = 20 ÷ 20 = 1

Q18. 7/25 (multiply numerator and denominator by 4)

Q19: (20 x €0.50) + (20 x €1.00) = (€10.00) + (€20.00) = €30.00

WEDNESDAY

1. The average of these numbers is 6.

5 6 3 7 9

2. 0.7 + 0.02 = 0.72

3. $\frac{5}{6} - \frac{1}{3} =$ $\frac{3}{6}$ or $\frac{1}{2}$

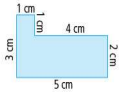
4. 9 ^{2} = 90 – 9

5. (100 ÷ 10) – 5 = 5

6. 9 p.m. = ☐ 09:00 hours ☑ 21:00 hours

7. The book was €40, now it costs € 30.

8. Area = 11 cm^2



9. Simplify $\frac{10}{12}$. $\frac{5}{6}$

10. Write as a number sentence.
6 bowls of ice cream, each with 3 scoops. How many scoops in total?

6 x 3 = 18

11. The place value of the 0 in 25.806 is
☐ tenths. ☑ hundredths. ☐ thousandths.

12. Round 19,910 (nearest thousand).

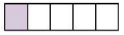
20,000

13. 11^2 = 121

14. 1,350 + 620 = 1,970

15. 82,101 – 8 = 81,093

16. Colour 20%.



17. Round 7,236 (nearest hundred). 7,200

18. $\frac{8}{10} = \frac{80}{100}$

19. What is the next prime number after 5? 7

20. The angles in this hexagon are
☐ acute. ☑ obtuse.

Q3: $\frac{5}{6} - \frac{1}{3} = \frac{5}{6} - \frac{3}{6} = \frac{2}{6}$ or $\frac{1}{3}$

Q4: $_^2 = 90-9 = 81$ 9x9=81

Q7: 25% = ¼
¼ of €40 = €40 ÷ 4 = €10 so €10 off price
€40 - €10 = €30

Q8: Area = L x W
(1x3) + (4x2) = 3 + 8 = 11 cm^2

Q12: TTH TH H T U
1 9 9 1 0

Q18. 7/25 (multiply numerator and denominator by 4)

Q19: A prime number is a number that can be divide evenly by only 1 and itself e.g. 2, 3, 5, 7, 11, 13...see page 122 of MM book.

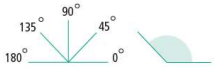
Q20: Acute angle = between 0° and 90°
Obtuse angle = between 90° and 180°

THURSDAY

1. The average of these numbers is 8.

8 9 7 6 10

2. Approximately how many degrees? 135 °



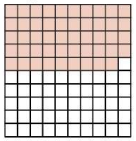
3. Draw a 270° turn anticlockwise.

4. 99,996 + 7 = 10,003

5. 0.01 + 0.4 = 0.41

6. $\frac{3}{4}$ of 80 = 60

7. Colour $\frac{49}{100}$ on the grid.



8. Eight three-quarter pieces of cake are 6 whole cakes.

9. What 2-D shape has 9 sides?

nonagon

10. $\frac{9}{12} - \frac{1}{2} = \frac{3}{12}$ or $\frac{1}{4}$

11. The value of 5 coins and 15 coins.

€ 13

12. 45% of 100 = 45

13. 25,000 × 10 = 250,000

14. 29 × 4 × 25 = 2,900

15. (32 ÷ 4) – 2 = 6

16. 14:15 hours = 2.15 a.m./(p.m.)

17. 28,505 – 9 = 28,496

18. 7 + 8 + 6 = 21

19. 2 × 2 × 2 = 8

20. Which unit would you use to measure a pen?

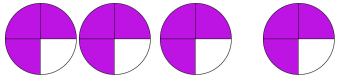
☑ cm ☐ m

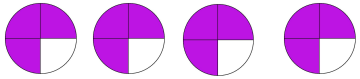
Q6: ¾ of 80

¼ of 80 ÷ 4 =20

¾ = 20 x 3 = 60

Q8:





Q10: $\frac{9}{12} - \frac{1}{2} = \frac{9}{12} - \frac{6}{12} = \frac{3}{12}$ or $\frac{1}{4}$

Q11: (5 x €2) + (15 x €0.20) = (€10) + (€3) = €13

Q12. 45% = 45/100

1/100 = 100 ÷ 100 = 1

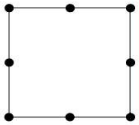
So 45/100 is 1/100 x 45; 1 x 45 = 45

PROBLEM-SOLVING

Monday

1. Draw $\frac{3}{4}$ of this square's perimeter.

2. Mia removed two parts of this square. What fraction of the perimeter is missing?



☐ $\frac{2}{4}$ ☑ $\frac{2}{8}$ ☐ $\frac{2}{6}$ ☐ $\frac{2}{10}$

Tuesday

1. Cheese costs €2.50 for 200 g. What is the cost of 500 g?

€ 6.25

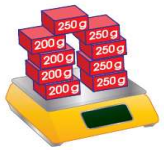
2. A florist arranged 2 roses for every 3 tulips in a vase. How many tulips were there if there were 30 flowers?

18

Wednesday

1. 3:45 p.m. $4\frac{1}{2}$ hours later 8:15 p.m.

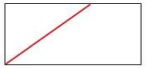
2. Which is the correct total weight?



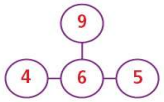
☐ 800 g ☐ 1,000 g
☐ 1,250 g ☐ 4,100 g
☐ 3,800 g ☑ 2,050 g

Thursday

1. Draw a line through the rectangle to make a quadrilateral and a triangle.



2. Use 4, 5, 6 and 9 to make 15 across and down.



Tuesday

Q1: 200g costs €2.50

100g costs €1.25

500g = 200g +200g +100g = €2.50 + €2.50 + €1.25 = €6.25

Q2. 2 roses for every 3 tulips

~~x10 20 roses for every 30 tulips (too many as we are looking for 30 flowers in total)~~

x5 10 roses for every 15 tulips (10+15=25 so we are getting close we need five more flowers)

+2 roses +3 tulips

12 roses 18 tulips

So if there were 30 flowers there were 12 roses and 18 tulips

FRIDAY REVIEW

1. The average of these numbers is 6.

   6 9 12 3 0

2. What is the perimeter of a square with 6-cm sides?

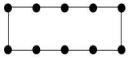
   24 cm

3. 99,999 + 7

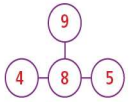
   = 100,006

4. Mia removed 2 parts of this rectangle. What fraction of the perimeter is missing?

   $\frac{2}{10}$ or $\frac{1}{5}$



5. Use 4, 5, 8 and 9 to make 17 across and down.



6. 0.9 + 0.03 + 2

   = 2.93

7. 4.25 × 4 = 17

8. 2,500 – 1,150

   = 1,350

9. The place value of the 5 in 29.045 is

   ☐ tenths.
   ☐ hundredths.
   ☑ thousandths.

10. 5% of 60 = 3

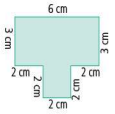
11. $\frac{3}{4}$ km = 750 m

12. (24 ÷ 3) – 2 = 6

13. 500 × 8

    = 4,000

14. Area = 22 cm²



15. 39 × 4 × 25

    = 3,900

16. $\frac{9}{12} - \frac{3}{6} = \frac{3}{12}$ or $\frac{1}{4}$

17. Approximately how many degrees?

    ☐ 90° ☐ 45°
    ☑ 110° ☐ 240°

18. 80 + 10.02

    = 90.02

19. Draw an irregular pentagon.

    teacher check

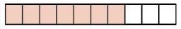
20. 7 p.m. is ☐ 07:00 hours
    ☑ 19:00 hours

21. Draw a 270° turn anticlockwise.

22. 6,940 × 10

    = 69,400

23. Colour 70%.



24. The book was €20, now it costs € 16.

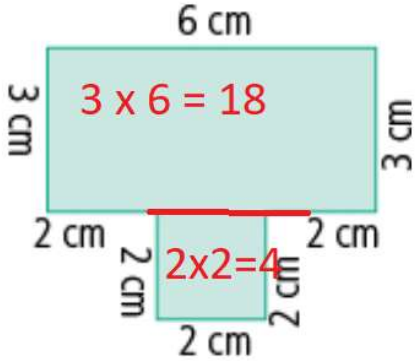
25. Six thirds of a cake is how many cakes?

    2

Q9: T U . t h th
2 9 . 0 4 5

Q10: 5% of 60 5%= 5/100 or 1/20
1/20 of 60 is 60 ÷ 20 = 3

Q14 :



Q16: 9/12 - 3/6 = 9/12 – 6/12 = 3/12 or 1/4

Q24: Book was €20 20% off = 1/5 = 20 ÷ 5 = €4 off
€20 - €4 = €16

Q25.