

Monday 18<sup>th</sup> May 2020

Happy Monday class 6. Hope we are ready for another week of learning. But first, one of my legendary jokes! I know how much you like and enjoy them...



“The beautiful thing about LEARNING is no one can take it away from YOU.”

– B.B. King

Here are the answers to Friday's Maths questions.

1.  $8 \times 30 = 240$
2.  $55.4 \times 100 = 5,540$
3. Calculate:  $96 - (3 \times 12 \times 2) = 24$
4. Change 25% into a fraction:  $= \frac{1}{4}$
5. What is the change from £10 after buying two books at £4.34 each? £1.32
6. Circle the prime numbers: 15      21      11      23
7. Round 6709 km to the nearest 10 km. 6710km
8. Round 2.534 kg to nearest whole kg. 3 kg
9.  $320 \div 8 = 40$
10.  $1236 \div 6 = 206$
11. Two angles of a triangle are  $38^\circ$  and  $73^\circ$ . What is the size of the third angle?  
69 degrees
12. Find the change from £5 after buying 1 kg of apples at 40p per 100g. answer = £1
13. List these temperatures in descending order:  $5^\circ\text{C}$  -  $5^\circ\text{C}$  -  $2^\circ\text{C}$  -  $12^\circ\text{C}$  -  $3^\circ\text{C}$   
answer = -  $12^\circ\text{C}$  -  $5^\circ\text{C}$  -  $2^\circ\text{C}$  -  $3^\circ\text{C}$  -  $5^\circ\text{C}$
14. If  $3a - 6 = 14$ , what is the value of a? This was a typing mistake – the question should have been  $2a - 6 = 14$  so  $a = 10$
15. If the time is 10.30 pm. How many minutes until it is 11.45 pm? 75minutes
16.  $3 \times 18 \times 10 = 540$
17.  $27435 - 9791 = 17,644$
18. The three angles of a quadrilateral are  $105^\circ$ ,  $125^\circ$ ,  $60^\circ$ .  
What is the size of the other angle?  $70^\circ$
19.  $4 - 1.787 = 2.213$
20.  $6 + 6 \times 6 = 42$
21. What is half of 17 kg 500 g. 8kg 750g or 8750g
22. A clock shows 2.05 pm but is 40 mins slow. Correct time = 2.45pm
23.  $56 \times 78 = 4368$
24.  $1345 \times 35 = 47,075$
25.  $70,000 - 25 = 69975$
26. 25% OF 18 = 4.5
27.  $\frac{3}{4}$  of 240 = 180
28.  $\frac{1}{2}$  of 11 = 5.5
29.  $2565 + 977 + 5656 = 9,198$
30.  $340\text{g} + 2.1\text{kg} = 2440\text{g}$  or 2kg 340g

# Task 1 - Maths - Revision of finding a fraction of an amount.

Remember to divide by the bottom and then times by the top.

Choose either Section B or C. Section B is easier as it is revision of unit fraction work. A unit fraction is a fraction where the numerator is 1.

If you need a challenge then complete Section C

## Finding Fractions of Amounts

To find the fraction of an amount you need to divide your number by the denominator, then multiply your answer by the numerator.

$$\frac{2}{6} \text{ of } 72 \div$$

72 divided by 6 = 12

Next, I need to multiply my answer by the numerator.

$$12 \times 2 = 24$$

2 of 72 is therefore 24!

6

### B

Find  $\frac{1}{10}$  of:

1 21

2 87

3 119

4 43.

Find  $\frac{1}{8}$  of:

9 41

10 29

11 59

12 71.

Find  $\frac{1}{5}$  of:

5 38

6 21

7 27

8 49.

Find  $\frac{1}{9}$  of:

13 57

14 95

15 21

16 70.

Work out

17  $\frac{1}{6}$  of 25

18  $\frac{1}{3}$  of 17

19  $\frac{1}{7}$  of 26

20  $\frac{1}{12}$  of 67

21  $\frac{1}{2}$  of 13

27  $\frac{1}{2}$  of 23

28  $\frac{1}{4}$  of 33

29  $\frac{1}{8}$  of 75

30  $\frac{1}{3}$  of 35

31  $\frac{1}{7}$  of 60

22  $\frac{1}{4}$  of 51

23  $\frac{1}{11}$  of 30

24  $\frac{1}{6}$  of 47

25  $\frac{1}{3}$  of 28

26  $\frac{1}{12}$  of 52

32  $\frac{1}{12}$  of 89

33  $\frac{1}{6}$  of 55

34  $\frac{1}{10}$  of 67

35  $\frac{1}{9}$  of 51

36  $\frac{1}{11}$  of 124

### C

Copy and complete.

1  $\frac{1}{4}$  of  $\square$  =  $6\frac{1}{4}$

2  $\frac{1}{3}$  of  $\square$  =  $7\frac{2}{3}$

3  $\frac{1}{10}$  of  $\square$  =  $9\frac{3}{10}$

4  $\frac{1}{5}$  of  $\square$  =  $3\frac{2}{5}$

5  $\frac{1}{12}$  of  $\square$  =  $2\frac{11}{12}$

6  $\frac{1}{8}$  of  $\square$  =  $12\frac{5}{8}$

7  $\frac{1}{9}$  of  $\square$  =  $3\frac{4}{9}$

8  $\frac{1}{6}$  of  $\square$  =  $5\frac{5}{6}$

Work out

9  $\frac{5}{6}$  of 7

10  $\frac{3}{5}$  of 14

11  $\frac{2}{3}$  of 11

12  $\frac{7}{10}$  of 3

13  $\frac{3}{8}$  of 15

14  $\frac{4}{7}$  of 8

15  $\frac{3}{4}$  of 17

16  $\frac{11}{12}$  of 9

17  $\frac{8}{11}$  of 10

18  $\frac{5}{9}$  of 12

19  $\frac{2}{5}$  of 23

20  $\frac{3}{10}$  of 57

21  $\frac{2}{7}$  of 31

22  $\frac{6}{11}$  of 16

23  $\frac{4}{5}$  of 19

24  $\frac{3}{4}$  of 21

25  $\frac{5}{12}$  of 29

26  $\frac{3}{8}$  of 33

27  $\frac{2}{3}$  of 14

28  $\frac{9}{10}$  of 25

29  $\frac{4}{9}$  of 20

30  $\frac{3}{11}$  of 35

31  $\frac{5}{7}$  of 17

32  $\frac{99}{100}$  of 3

## Task 2 - English.

WALT: recognise the spelling and meaning of the prefixes **un, dis, in, im, ir, il, pro, re**

Copy the table into your books. Use the prefixes listed to create a new word. Write a short definition of the new word - you may need a dictionary to help you.

Root or base word	Prefix and word	Meaning of new word
take	mistake	to do something wrong
similar		
attentive		
play		
practical		
appoint		
legal		
active		
do		
resistible		
accurate		
visit		
appear		
regular		
mobile		

## Task 3 - Geography - locating European countries.

How well do the location of countries in Europe - well here is your chance to test your knowledge. Visit this interactive map at: <https://online.seterra.com/en/vgp/3007>

Click where you think the countries are located. How quickly can you complete the quiz and how many countries can you locate correctly. Test your family members.



Let me know how you get on with this activity.

Maybe you could draw some of the flags in your books.

Have fun - have more than one go and see if you can get 100%!

Stay safe - Mr Thompson