

Monday 29th June 2020

Hello everyone. It's Monday. Hope everyone had a great weekend and ready to go for another week?

Those of you that haven't sent me your photo you will need to do that as soon as possible. I am organising events for the end of the year and will need these.

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****Transition to Secondary School. Make sure you are checking your new school websites as many of them are putting up information regarding transition and your move to your new schools.****

Maths answers from Friday:

1. $5 \times 130 = 650$

2. $35.04 \times 100 = 3504$

3. Calculate: $100 - (3 \times 8 \times 2) = 52$

4 Change 80% into a fraction: $= \frac{4}{5}$

5. What is the change from £10 after buying two books at £4.15 each? £1.70

6. Circle the prime numbers: 23 21 8 17 27 49

7. Round 18,654 km to the nearest 100 km. 18,700 km

8. Round 12.234 kg to nearest whole kg. 12 kg

9. $1600 \div 8 = 200$

10. $2436 \div 6 = 406$

11. Two angles of a triangle are 46° and 58° .

What is the size of the third angle? 76 degrees

12. Add 3.4, 0.34 and 0.034. $= 38.114$

13. $27 \times 56 = 1,512$

14. If $2a - 5 = 19$, what is the value of a ? $12 = a$

15. How many days in 17 weeks? 119

16. $10 \times 24 \times 10 = 2400$ 17. $27,435 - 6,791 = 20,644$

18. The three angles of a quadrilateral are 100° , 140° , 60° .

What is the size of the other angle? 60°

19. add $\frac{2}{3}$ and $\frac{1}{6} = \frac{5}{6}$

20. Find 25% of 9. $= 2.25$

21. What is half of 0.35 $= 0.175$

22. How many seconds in 8 and a quarter minutes? 495 seconds

23. Find 15% of 400 $= 60$

24. $2345 \times 5 = 11,725$

25. 25% off sale. A TV after the sale is £60. What was the price before sale? $= £80$

26. Find $\frac{4}{5}$ of 190 $= 152$

27. $0.08 \times 3 = 0.24$

28. $7.67\text{kg} = 7670\text{g}$ 29. $-7 + 12 = 5$ 30. $40,000 - 34 = 39,966$

Maths Task 1.

Multiplying decimals.

When multiplying a decimal by a whole number you need to be careful that the answer has the correct number of decimal places. Generally there must be the same number of decimal places in the decimal being multiplied as in the answer.

B

- 1 A tube of toothpaste holds 0.08 litres. What is the capacity of:
a) 3 tubes b) 5 tubes c) 9 tubes?
- 2 One pot noodle weighs 0.09 kg. What is the weight of:
a) 2 pots b) 9 pots c) 12 pots?

Work out

- | | |
|----------------------------------|------------------------------|
| 3 $£0.04 \times 8$ | 7 $0.09 \text{ kg} \times 3$ |
| 4 $0.07 \text{ km} \times 6$ | 8 $£0.03 \times 6$ |
| 5 $0.06 \text{ m} \times 5$ | 9 $0.08 \text{ km} \times 4$ |
| 6 $0.05 \text{ litres} \times 9$ | 10 $0.07 \text{ m} \times 8$ |

- 11 One bar of chocolate cost £1.39. Copy and complete to find the cost of:
a) 3 bars b) 8 bars.

$£1.39$	$£1.39$
$\times \quad 3$	$\times \quad 8$
$£ \quad \underline{\quad}$	$£ \quad \underline{\quad}$

- 12 One inch is 2.54 cm. Copy and complete to find how many centimetres is:
a) 6 inches b) 9 inches.

2.54	2.54
$\times \quad 6$	$\times \quad 9$
$\underline{\quad} \text{ cm}$	$\underline{\quad} \text{ cm}$

Work out

- | | |
|-----------------------------------|--------------------|
| 13 $28.5 \text{ cm} \times 5$ | 19 8.19×4 |
| 14 $£1.76 \times 6$ | 20 6.27×8 |
| 15 $43.9 \text{ kg} \times 8$ | 21 61.3×7 |
| 16 $5.64 \text{ m} \times 3$ | 22 25.8×9 |
| 17 $51.8 \text{ litres} \times 7$ | 23 7.45×6 |
| 18 $£3.92 \times 9$ | 24 9.07×3 |
- 25 Cans of paint hold 4.78 litres. What is the total capacity of 6 cans?

C

- 1 A dripping tap loses 0.006 litres every second. How much water is lost in:
a) 5 seconds b) 12 seconds
c) 40 seconds?
- 2 One coin weighs 0.012 kg. What is the weight of:
a) 7 coins b) 11 coins
c) 20 coins?

Work out

- | | |
|------------------------------------|---------------------|
| 3 $0.009 \text{ km} \times 7$ | 7 0.006×9 |
| 4 $0.005 \text{ litres} \times 11$ | 8 0.004×12 |
| 5 $0.008 \text{ m} \times 6$ | 9 0.009×8 |
| 6 $0.007 \text{ kg} \times 5$ | 10 0.007×4 |

- 11 Train tickets cost £52.75 each. Copy and complete to find the cost of:
a) 4 tickets b) 9 tickets.

$£52.75$	$£52.75$
$\times \quad 4$	$\times \quad 9$
$£ \quad \underline{\quad}$	$£ \quad \underline{\quad}$

- 12 One patio tile weighs 2.685 kg. Copy and complete to find the weight of:
a) 5 tiles b) 12 tiles.

2.685 kg	2.685 kg
$\times \quad 5$	$\times \quad 12$
$\underline{\quad} \text{ kg}$	$\underline{\quad} \text{ kg}$

Work out

- | | |
|------------------------------------|---------------------|
| 13 $£71.82 \times 6$ | 19 5.963×8 |
| 14 $2.594 \text{ m} \times 9$ | 20 9.248×3 |
| 15 $64.57 \text{ km} \times 5$ | 21 14.87×9 |
| 16 $4.278 \text{ kg} \times 8$ | 22 85.74×7 |
| 17 $£16.39 \times 7$ | 23 7.195×4 |
| 18 $3.862 \text{ litres} \times 4$ | 24 9.236×6 |

Task 2. Spellings. (S - Y)

Here is our final list of spelling to practise. Make sure you have copied the words out 5 times and make sure you can spell the words without looking.

**soldier stomach sufficient suggest symbol system
temperature thorough twelfth variety vegetable vehicle
yacht**

Task 2. Possessive determiners revision

3. Possessive determiners

- My, your, his, her, its, our and their, before a noun, will be possessive determiners.
- Mine, yours, his, hers, its, ours and theirs, on their own, are pronouns not determiners.

My writing is neater than **yours**.

The dog ate **its** food quickly.

His class are so lazy.

Her singing was more tuneful than **his**.

Their team beat **ours**.

It's not **their** fault **her** coat got lost.

determiners

Copy the sentences and underline the possessive pronouns. Be careful - there may be more than one in each sentence.

Can you identify the possessive determiners in the sentences below?

1. She polished his shoes then hers.
2. It's a shame that its saddle is so small.
3. Her feet were smellier than his.
4. His cakes were sold whereas our biscuits weren't.
5. Our job is to make sure their cars are cleaned properly.
6. Ours is not an easy task.
7. It was my word against his.
8. Your bedtime should be after hers.

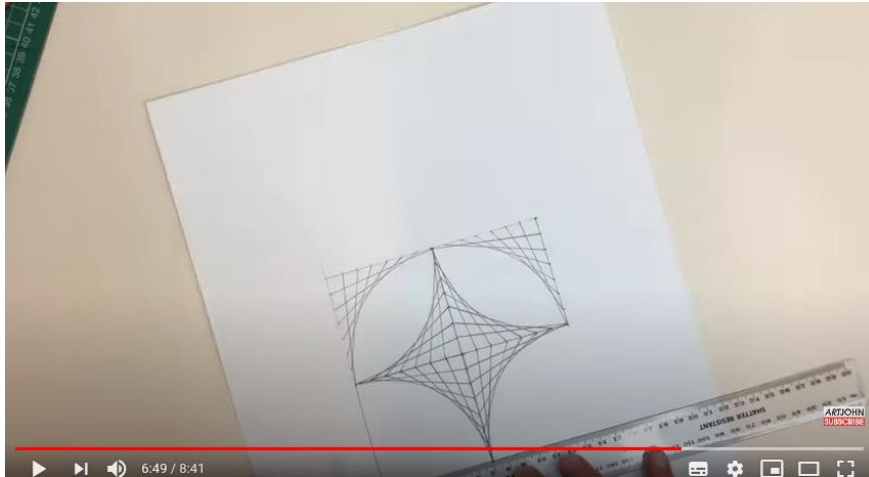
Task 3. Art and Maths!

We are going to look at creating artistic patterns using a parabolic curve (A curve made up of straight lines.)

You will need squared paper, a sharp pencil, a ruler and pencil crayons.

Follow the YouTube tutorial.

https://www.youtube.com/watch?time_continue=206&v=ihGiJLYrNWw&feature=emb_logo



Have a go at creating different curves by plotting different coordinates. Don't forget to send me the results of your wonderful work.

Have a great day. Mr Thompson