



Friday 3rd April 2020

Hello everyone! Well, you made it through another week - well done! Lots of great work in these tough times so give yourselves a pat on the back. It's been good to keep up with everyone through email - it really does brighten our day to hear from you.

Yesterday's answers:

Task 1 - x / ÷ 10 - 100 - 1000

Section A

- | | | | | | | | |
|----------|---------|-----------|---------|----------|----------|----------|----------|
| 1. 4 | 2. 39 | 3. 216 | 4. 2 | 5. 107 | 6. 95 | 7. 1.2 | 8. 358 |
| 9. 43.5 | 10. 6 | 11. 174.1 | 12. 409 | 13. 9.2 | 14. 0.7 | 15. 18.1 | 16. 2.5 |
| 17. 20.3 | 18. 0.8 | 19. 7.19 | 20. 5.4 | 21. 38.6 | 22. 0.02 | 23. 0.35 | 24. 50.7 |

Section B

- | | | | | | | | |
|----------|------------|-----------|-----------|-----------|----------|-----------|-----------|
| 1. 90 | 2. 538 | 3. 7160 | 4. 44 | 5. 210 | 6. 5 | 7. 476 | 8. 903.2 |
| 9. 50 | 10. 1089.1 | 11. 2307 | 12. 25.5 | 13. 0.37 | 14. 0.02 | 15. 1.8 | 16. 62.04 |
| 17. 8.53 | 18. 17.1 | 19. 0.006 | 20. 30.98 | 21. 0.207 | 22. 5.09 | 23. 0.014 | 24. 10.02 |

Section C

- | | | | | | | | |
|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1. 60 | 2. 309 | 3. 2800 | 4. 1430 | 5. 71 | 6. 20 | 7. 10,500 | 8. 6700 |
| 9. 140 | 10. 558 | 11. 2060 | 12. 9 | 13. 0.710 | 14. 0.005 | 15. 4.8 | 16. 0.026 |
| 17. 3.94 | 18. 82.5 | 19. 4.007 | 20. 0.936 | 21. 0.58 | 22. 0.006 | 23. 0.011 | 24. 0.3 |

Relative Clauses answers:

- Alana, who has very shiny hair, always looks smart for school.
- My cousins live in Canada, which is a long way to go to visit!
- These three girls, who have worked very hard on their maths project, can have a prize each.
- The Peak District, which is an excellent place for walking, climbing and biking, is a national park in Derbyshire.
- The dog, who always jumps up at people, is called Spot.
- The film, which had me on the edge of my seat, was tremendously exciting!
- Look for the spelling in the dictionary, which is over there on the shelf.
- My brother, who has won many medals for his gymnastics, is competing in an event tomorrow.

Circulatory System - Comprehension answers

1. Why is it called a 'circulatory system'?
The blood travels in a circle/continuous loop around your body.
2. What pumps the blood around your body?
The heart
3. How long does it take for one red blood cell to go round the body?
20 seconds
4. What is it that your body needs that gets delivered by the blood?
Oxygen
5. What is the final thing your body needs to do to get rid of unwanted carbon dioxide?
Breathe out/exhale
6. The larger loop of the circulatory system goes all around to and from your heart, where does the other one visit?
The lungs
7. In the final paragraph, the author has used an apostrophe to create a contracted word. What should the full words be?
We've → We have
8. Find three conjunctions in the text.
Any three from: but, and, when, for, which, so, if
9. What are the blood cells compared to? Why?
The blood cells are compared to delivery drivers as they transport important things all around our bodies.

Question 10 will have many answers as you will have all included different facts.

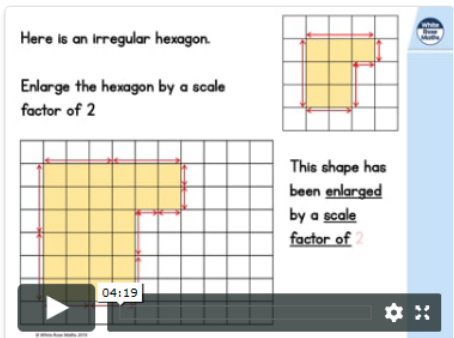
So onto today's work.


Maths Task 1 - Ratio - Scale Factors.

Moving onto lesson 5 of the White Rose Maths lessons. Today's lesson is on Scale Factors.


<https://whiterosemaths.com/homelearning/year-6/>

Lesson 5 - Using scale factors



 **Get the Activity**

Y6 Spring Block 6 WO5 Using scale factors 2019

 **Get the Answers**

Y6 Spring Block 6 ANS5 Using scale factors 2019

Watch the video - then answer the questions on the worksheet. The worksheet can be found here.

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/homelearning/year-6/Y6-Spring-Block-6-WO5-Using-scale-factors-2019.pdf>

Maths Task 2 - Have a go at this selection of questions.

1. $12 \times \underline{\hspace{2cm}} = 720$

2. $0.2 \times 100 = \underline{\hspace{2cm}}$

3. Calculate: $100 - (4 \times 10 \times 2) = \underline{\hspace{2cm}}$

4 Change 25% into a fraction: =

5. What is the change from £10 after buying two books at £3.05 each?

6. Circle the 3 prime numbers: 2 12 5 53

7. Round 135 km to the nearest km. km

8. Round 2.9 kg to nearest whole kg. kg 9. $240 \div 8 = \underline{\hspace{2cm}}$

10. $1812 \div 6 = \underline{\hspace{2cm}}$

11. Two angles of a triangle are 25° and 25° .
What is the size of the third angle?
degrees

12. Find the change from £5 after buying
1 kg of apples at 35p per
100g. £

13. List these temperatures in **ascending** order:
 10°C -5°C
 -10°C -15°C 5°C answer=

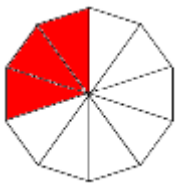
14. If $3a - 17 = 43$ what is the value of a ? a =

15. If the time is 10.05 pm. How many minutes until it is 10.25 pm?
 min.

16. $10 \times 23 \times 10 = \underline{\hspace{2cm}}$ 17. $2435 - 101 = \underline{\hspace{2cm}}$

18. The three angles of a **quadrilateral** are 100° , 150° , 60° .
What is the size of the other angle? $^\circ$

19. Cancel this fraction: ten hundredths =



20. What percentage of this shape is **shaded**?

21. What is half of 1 kg and 400 g.

22. A clock shows 22.35 but is 5 mins slow. Correct time =

24. $2675 \times 5 =$

The Double Dash



We use a dash to add additional information. This extra information is called a parenthesis.

There is a space on either side of the dash.

Example

The man was plainly dressed – so he would not be noticed – in a black suit.

This part of the sentence gives extra information that could be removed.

The sentence would still make sense without the part within the dashes.

1. Put the dashes into the following sentences.

- I woke up this morning to see that it had been snowing overnight my car was completely covered.
- My cat who is eighteen years old sleeps for up to twenty hours a day.
- Jake did an amazing audition for the show he really impressed the panel.
- Priya Anand the only girl on the team scored the winning goal.

2. Add your own parenthesis to the following sentences.

- Sam Taylor – _____ – won the skipping race.
- My dog can run very quickly – _____.
- The car – _____ – smashed into the fence.
- The hedgehog curled into a ball – _____.

Topic Task - Geography - Jobs in the supply chain.

We discussed the supply chain and how products arrive in our shops in a few of our geography lessons earlier in the year. Can you sort these jobs and their roles into the correct order? You need to read the quote from the worker and match it to their role and then order the supply process. Write them up in your blue books.

- Match each person with their role in the production of chocolate. Then, sort the roles into the correct order to get the chocolate from the cocoa bean to the shop!
Can you guess how much each person would make if a chocolate bar costs the consumer £1?

Profit from £1 =	Profit from £1 =	Profit from £1 =	Profit from £1 =	Profit from £1 =	Profit from £1 =

Processor	Exporter	Manufacturer	Plantation Owner	Retailer	Picker
I work 10 - 12 hours a day. I pick the cocoa beans. I also make sure the plants are fed and watered.	I buy machinery and pay the pickers. I pay for fertilisers to increase harvests.	I use cocoa butter to make chocolate. I pay for workers, machinery, product development, packaging and advertising.	I transport the cocoa beans by cargo ship. I pay for fuel and any loads that are lost or damaged on the journey. I also pay fees for the ship to stop in a port.	I process the cocoa beans by roasting them and grinding them. I press the ground cocoa to form cocoa butter. I pay for workers, machinery and heat for roasting the beans.	I sell the chocolate bars to consumers. I pay for staff and the running costs of the store. I am also responsible for advertising and any losses if stock isn't sold.

So - now you're done for the day it's the Easter holidays! We hope you can make the most of the time with your families and not eat too many chocolate eggs! We'd like to wish you and your families a very happy Easter and also say a massive thank you for all your hard work and efforts at this challenging time.

Mr Thompson and Mrs Williams