

Monday 13th July 2020

Yearly Round-up

Hi Yachts!

Mental Maths

What can you tell me about the number 492?

Think about things like which of the digits are odd or even, how many ones are there, what can you divide the number by, what is the sum of the digits, what is it a multiple of...

You might recognise the questions for this week because you completed some of them in the spring term. Now that we've had more learning time, it'll be interesting to see if you find them easier to solve!

Choose which set of problems to solve and use the RUCSAC method to help you:



Read

Read the question carefully.



Underline

Underline or write down the keywords and numbers.



Choose

Choose the correct operation (+ - x or ÷) and a mental or written method of calculation (you could use diagrams).



Solve

Solve it! Make sure you follow the steps carefully.



Answer

Check that you have answered the question properly. What did you need to find out in the first place?



Check

Check your answer. Use the inverse calculation or another checking technique (was it close to your estimate?)

1. The arrow makes a quarter turn. Which horse could it land on?



2. Curly won 18 medals. Rocket had 5 less than Curly. How many medals did Rocket win?

- Curly will get one quarter of 12 potatoes for dinner. How many potatoes will he get?
- The potatoes come in packs of 2. The farmer counts all the potatoes and gets to 13. Has he counted correctly? How do you know?

- Davinder, Chloe and Eden all won money in the raffle. Fill out the table showing their winnings. The first one has been done for you.

Names	Winnings in numerals	Winnings in words
Davinder	£42	Forty two pounds
Chloe	£63	
Eden		Fifty six pounds

- I played a game at one of the fair's stalls. On my first turn, I scored 145 and on my second turn I scored 451. What does the 4 represent in each of these numbers?
- My friends play the game too. Jack scores 367 points. His friend Mohammed scores 100 less. How many points does Mohammed score?
- On the farm, there are 165 animals. 9 animals are sold. How many animals are there now?

Challenges

- Farmer Kieron is giving each of his cows a number. For the next cow, the number has to be greater than 826 but less than 956. What number could it be?
- Farmer Tom wanted to hire a few spaces for the farmers' market. What would be the cost of hiring the stables and the Town Hall?

Location	Cost
Stables	£355
Fields	£1,687
Town Hall	£2465
Marquee	£789

- The farmer has saved up £2985. He wants to hire the marquee and the Town Hall. How much more money does he need to save?
- The organiser of a car show is parking the cars in different zones. Cars that are worth around £900,000 will be in Zone A and cars worth nearly £1,000,000 will be in Zone B. She parks a car worth £999,995 in Zone A. Is she correct? Explain your answer using rounding.

Type of car	Price
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Austin Montego	£70,875
Triumph Acclaim	£56,200
Rover 200	£23,999