

Week 13

Maths activities - Year 5

Week beginning 06/07/20

As well as these, you can also do the Week 11 daily activities on Purple Mash, practise your times tables on TT Rockstars and complete daily lessons on MyMaths.

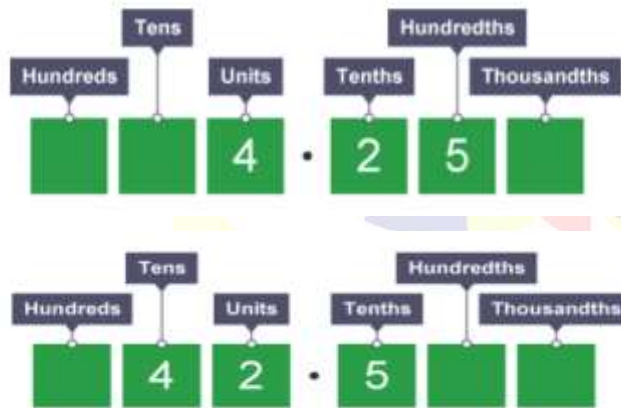
<u>Monday</u>	<u>Challenge activities</u>
<p>Maths:</p> <p>The answer is 113. What is the question?</p> <p>Write 6 calculations that have the answer 113.</p> <p>Challenge: Can you use the different operations when trying to make 113? (add, subtract, divide, multiply)</p>	<p>The answer is 72.08</p> <p>Write 6 calculations that have the answer 72.08.</p> <p>Can you use the different operations when trying to make 72.08? (add, subtract, divide, multiply)</p>
<u>Tuesday</u>	<u>Challenge activities</u>
<p>Maths:</p> <p>Find $\frac{1}{5}$ of the following numbers:</p> <p>15 30 60 90 150 210</p> <p>Tip: divide each number by the denominator in the fraction.</p>	<p>Find $\frac{2}{3}$ of the numbers on the left.</p> <p>Tip: divide by the denominator and multiply by the numerator.</p> <p>Can you have a go at writing an explanation?</p> <p>You could have a go at drawing a picture.</p>

Wednesday

Maths:

Multiplying by 10

When a decimal is multiplied by 10, each digit moves one place to the left.



$$4.25 \times 10 = 42.5$$

Solve these:

- 1) $1.12 \times 10 =$
- 2) $2.34 \times 10 =$
- 3) $3.5 \times 10 =$
- 4) $31.5 \times 10 =$
- 5) $12.7 \times 10 =$

Challenge activities

Can you multiply all the numbers in questions 1-5 by 100?
Remember to move each number 2 places left as you're multiplying by 100.

Solve these:

- 1) $1.12 \times 100 =$
- 2) $2.34 \times 100 =$
- 3) $3.5 \times 100 =$
- 4) $31.5 \times 100 =$
- 5) $12.7 \times 100 =$

<u>Thursday</u>	<u>Challenge activities</u>
<p>Maths:</p> <p>Have a go at converting these decimals into fractions in their simplest form:</p> <p>You can use this example to help you and watch the video suggested for the challenge activity.</p> <p>$0.40 = \frac{40}{100}$ divide both by 10 = $\frac{4}{10}$ can this be simplified?</p> <p>Yes, it can be simplified by dividing both the numerator and denominator by 2.</p> <p>$\frac{4}{10} = \frac{2}{5}$</p> <p>a) 0.5 b) 0.2 c) 0.73 d) 0.60</p>	<p>https://www.youtube.com/watch?v=Wwg1br9-8yk</p> <p>Use this link to support your learning.</p> <p>Challenge:</p> <p>Convert these decimals to fractions:</p> <p>a) 0.90 b) 0.25 c) 0.30 d) 0.91 e) 0.45</p>

<u>Friday</u>	<u>Challenge activities</u>
<p>Maths:</p> <p><u>Word problem</u></p> <p>A new PlayStation game costs £45. Mohammed receives £1.50 a week from his mum for pocket money.</p> <p>How many weeks will it take Mohammed to save enough money to buy the game?</p> <p>Remember to follow the steps you learnt at school about solving word problems:</p> <ol style="list-style-type: none"> 1. Read the question 2. Reread the question 3. Circle key information 4. Visualise the problem (picture or bar model) 5. Identify the operation(s) 6. Solve the problem 7. Check your answer 	<p>Have a go at writing the most challenging word problem that you can think of and send it to your teacher to solve.</p> <p>Tip: Try to come up with a 2 or 3 step problem using the structure of the problem you have just solved.</p>

Access any other apps and websites you feel are appropriate for your child. Email Mr Currie or Miss Modha if you have any questions or want to send work.