

Canonbury Home Learning

Year 3 Maths

Steppingstone activity

Lesson 12

LO: To recall the 4 times table



Success Criteria:

1. Sing 4 times tables with Numberock
2. Now write them down as quickly as you can ($1 \times 4 = 4$, $2 \times 4 = 8$...etc.)
3. Make some flash cards for your self (use scrap paper/postit note or card/cereal box) with times table on the front and answer on the back.
4. Test yourself or a member of your family and see who can answer the most correct in 30 seconds!



Practise your skip counting in 4s by singing along to Numberock
(Search '4 times table Numberock' on Youtube)

Model: Make your own flash cards to test yourself or compete against someone in your family!



Front

$$4 \times 4$$

Back

16

Canonbury Home Learning
Year 3 Maths

Lesson 12

LO: To use grid method to multiply

Success Criteria:

1. Partition your 2 digit number into tens and ones
2. Draw the grid: partitioned number at top, one-digit number on the side
3. Multiply one digit number by the tens number (e.g. $3 \times 20 = 60$) Hint: $3 \times 2 = 6$ then $6 \times 10 = 60$
4. Multiply one digit number by ones number (e.g. $3 \times 4 = 12$)
5. Add your two answers together ($60 + 12 = 72$)

Model

1.

	2	4	x	3			
	/	\					
2	0		4				

2.

	2	4	x	3				
	/	\			x	2	0	4
2	0		4		3			

3.

	2	4	x	3				
	/	\			x	2	0	4
2	0		4		3	6	0	

4.

	2	4	x	3				
	/	\			x	2	0	4
2	0		4		3	6	0	12

5.

	2	4	x	3				
	/	\			x	2	0	4
2	0		4		3	6	0	+12 = 72

So: $24 \times 3 = 72$

Now you try:

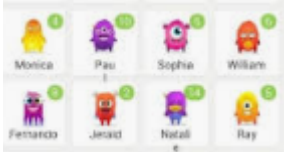

a) 3×45

b) 4×63

c) 5×37

Canonbury Home Learning
Year 3 Maths - Main activity

Complete at least 2 columns, more if you can!

Task 1	Task 2	Task 3	Task 4																								
<p><u>Practice</u> Complete these calculations:</p> <p>a) $1 \times 4 =$</p> <p>b) $4 \times 5 =$</p> <p>c) $24 = ? \times 4$</p> <p>d) $? = 10 \times 4$</p> <p>e) $4 \times 7 =$</p> <p>f) $? \times 4 = 12$</p> <p>g) $9 \times 4 =$</p> <p>h) $? = 11 \times 4$</p> <p>i) There are 8 children. Each child has four Dojo points. How many Dojos are there altogether?</p>  <p>j) 4 ladybirds have 12 spots each on their bodies. How many spots are there in total?</p> 	<p><u>Practice</u> Use grid method to solve these:</p> <p>1. $52 \times 4 =$</p> <p>2. $3 \times 46 =$</p> <p>3. $48 \times 5 =$</p> <p>4. $4 \times 47 =$</p> <p>5. $3 \times 53 =$</p> <p>6. $56 \times 5 =$</p> <p>7. $4 \times 58 =$</p> <p>8. $3 \times 59 =$</p>	<p><u>Reasoning</u> Can you fill in the missing boxes?</p> <p>a)</p> <table border="1" data-bbox="1211 517 1641 659"> <tr> <td>X</td> <td></td> <td>9</td> </tr> <tr> <td>3</td> <td>120</td> <td></td> </tr> </table> <p>b)</p> <table border="1" data-bbox="1211 783 1641 925"> <tr> <td>X</td> <td>80</td> <td>6</td> </tr> <tr> <td></td> <td>400</td> <td>30</td> </tr> </table> <p>c)</p> <table border="1" data-bbox="1211 1038 1641 1181"> <tr> <td>X</td> <td>40</td> <td></td> </tr> <tr> <td>4</td> <td></td> <td>36</td> </tr> </table> <p>d)</p> <table border="1" data-bbox="1211 1302 1641 1444"> <tr> <td>X</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>200</td> <td>15</td> </tr> </table>	X		9	3	120		X	80	6		400	30	X	40		4		36	X			5	200	15	<p><u>Problem solving</u></p> <p>Always, sometimes, or never?</p> <p>“A two-digit number multiplied by a one-digit number makes a two-digit answer.”</p> <p>Show the working out you used to test this statement.</p>
X		9																									
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