





Monday 17.01.22

### Extra Challenge

Representing multiplication facts:

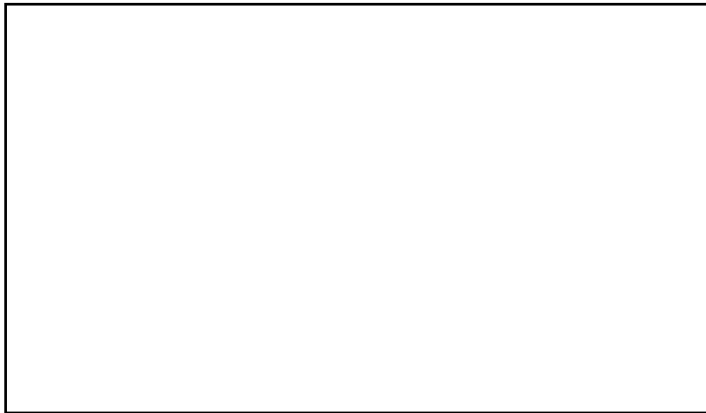
'Eloise wrote this in her book'



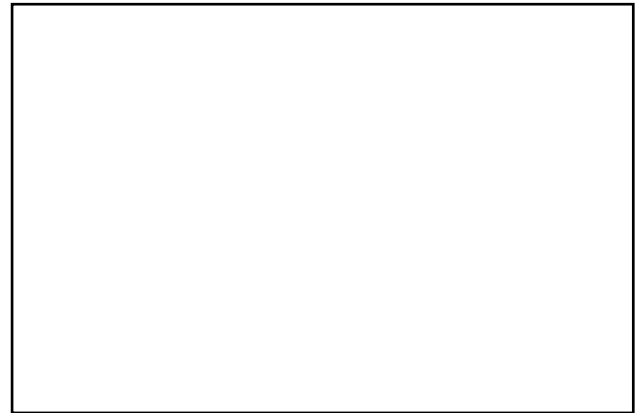
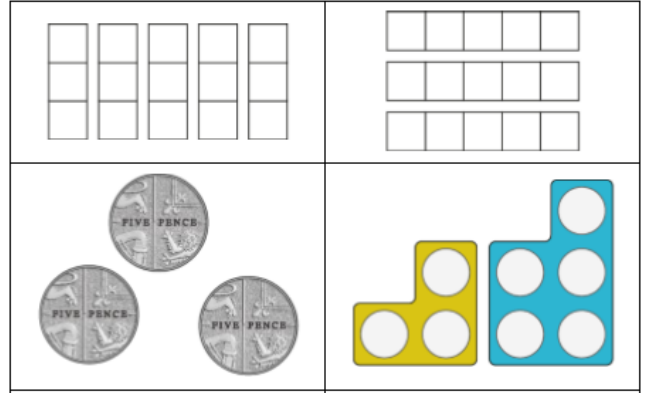
This shows  $4 \times 3 = 12$

'Draw a picture like this to show:'

$$7 \times 3 = 21$$



'Which of these pictures could represent groups of three?  
Write two multiplication equations for each picture that represents groups of three.'



Independent journal:

$$\square \times 3 > 5 \times \square$$

Write as many possibilities you can in your book below.



Tuesday 18.01.22

### Extra Challenge

Fill the boxes with + or —

$$7 \times 3 = 8 \times 3 \square 3$$

$$11 \times 3 = 10 \times 3 \square 3$$

$$9 \times 3 \square 3 = 8 \times 3$$

$$3 \times 8 = 3 \times 9 \square 3$$

• 'Fill in the missing symbols (<, > or =).'

$$4 \times 6 \bigcirc 5 \times 6 - 5$$

$$4 \times 6 \bigcirc 5 \times 6 - 6$$

$$4 \times 6 \bigcirc 3 \times 6 + 3$$

$$4 \times 6 \bigcirc 3 \times 6 + 6$$

$$4 \times 6 \bigcirc 6 \times 4$$

$$4 \times 6 \bigcirc 5 \times 6$$

$$6 \times 5 \bigcirc 4 \times 6$$

'True or false?'

$$6 \times 10 - 6 = 11 \times 6$$

$$7 \times 6 + 6 = 6 \times 8 - 3$$

'Fill in the missing numbers.'

$$20 \times 6 = 120$$

so

$$21 \times 6 = \square$$

$$6 \times 18 = 108$$

so

$$6 \times 19 = \square$$

$$15 \times 6 = 90$$

so

$$14 \times 6 = \square$$

$$6 \times 17 = 102$$

so

$$6 \times 16 = \square$$



Wednesday 19.01.22

Knowing and reasoning about the 6x table

0 x 6		6 x 6	
1 x 6			42
	12	8 x 6	
3 x 6		9 x 6	
4 x 6			30
	30	11 x 6	

'Fill in the missing numbers.'

0	6	12	18	24						
---	---	----	----	----	--	--	--	--	--	--



$5 \times 6 = \square$

$6 \times 5 = \square$

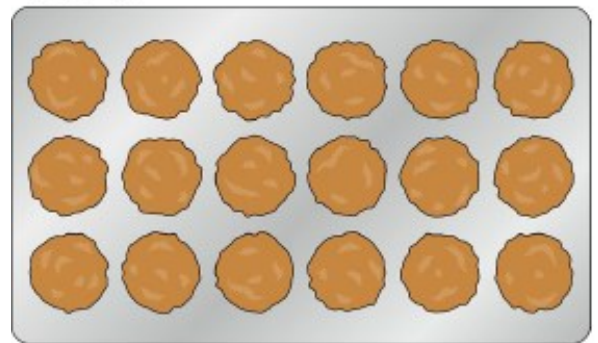


$\square \times 6 = \square$

$6 \times \square = \square$



'The tray of biscuits represents:'

$3 \times 6 = 18$



'Draw a picture like this to represent:'

$7 \times 6 = 42$

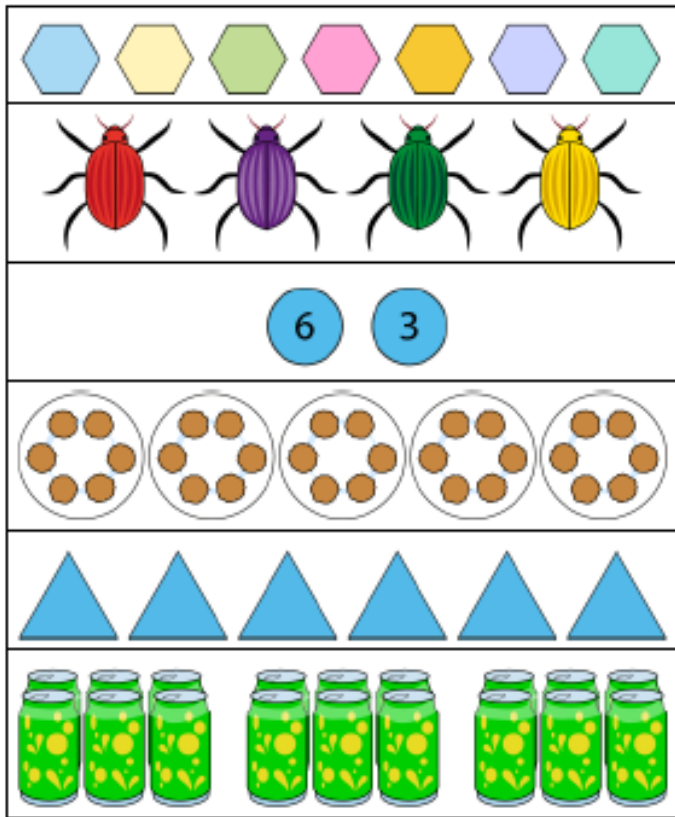
<b>Number of bugs</b> 	0	1		3	4		6	
<b>Total number of legs</b> 		6	12		24	30		42

Look at the bugs. Can you fill in the missing numbers—how many legs are on 3 bugs?



Wednesday 19.01.22

### Extra Challenge



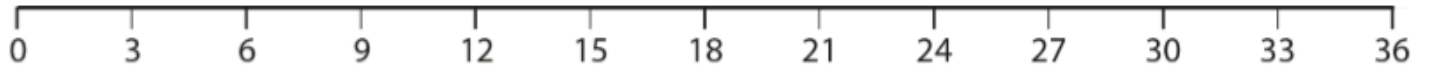
Which of these pictures could represent groups of 6? Write two multiplication equations for each picture that represents groups of 6.

Now create your own pictures that show groups of 6 (you could use a 6 pointed star, box of eggs or any other group of 6) Write two multiplication equations for your picture.

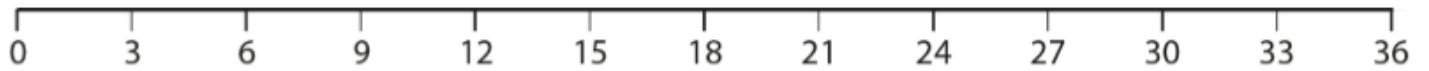


Thursday 20.01.22

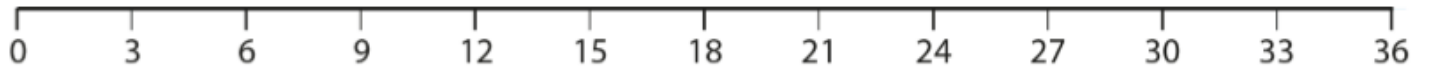
Making links between the 3 and 6x tables



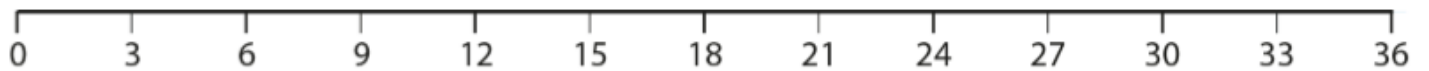
$$4 \times 3 = \underline{\quad} \times 6$$



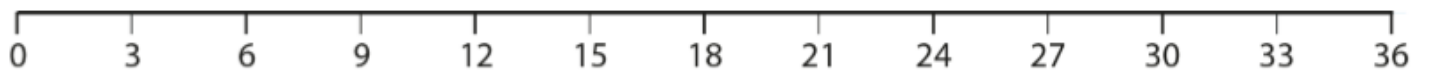
$$10 \times 3 = \underline{\quad} \times 6$$



$$8 \times 3 = \underline{\quad} \times 6$$



$$\underline{\quad} \times 3 = 4 \times 6$$



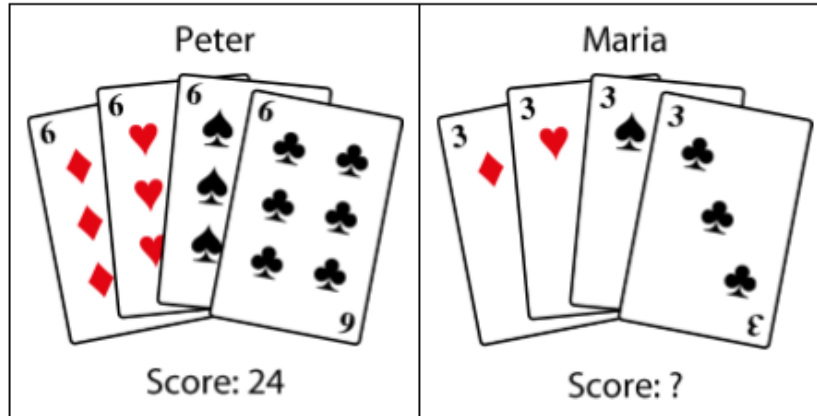
$$\underline{\quad} \times 3 = 6 \times 6$$



Thursday 20.01.22

### Extra Challenge

'Peter and Maria are playing a card game. They need to collect four-of-a-kind; then they score the value of their cards.'



- 'Who has the highest score?'
- 'What is Maria's score?'

'Fill in the missing numbers.'

$2 \times 3 = 1 \times 6$

$20 \times 3 = \square \times 6$

$4 \times 3 = 2 \times 6$

$40 \times 3 = \square$

$6 \times 3 = \square \times 6$

$60 \times 3 = \square \times 6$

$\square \times 3 = 4 \times 6$

$\square \times 3 = 40 \times 6$

$\square \times 3 = 400 \times 6$

$\square \times 3 = 90 \times 6$

**Independent Journal:**

If I know  $3 \times 4 = 12$ , what else do I know?