



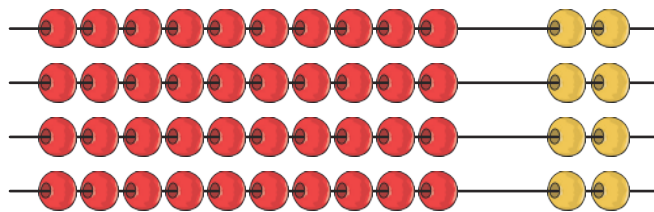
1) Complete the sentences and calculation to match the picture.

4 lots of 10 beads = _____

4 lots of 2 beads = _____

4 lots of 12 beads = _____

$4 \times 10 + 4 \times 2 = 4 \times 12 =$ _____



2) Complete the table.

Draw It	Describe It	Calculate It
	2 lots of 10 = 2 lots of 2 = 2 lots of 12 =	
		$6 \times 10 + 6 \times 1 = 6 \times 11$

3) Complete these calculations.

$7 \times 12 =$ _____

$84 = 12 \times$ _____

_____ $\div 9 = 12$

$11 = 132 \div$ _____

$11 \times 5 =$ _____

_____ $\times 11 = 88$

$121 \div$ _____ $= 11$

$9 =$ _____ $\div 11$

4) a) Mrs Jones has two pumpkin patches in her garden. The first patch has 8 rows of pumpkins with 10 in each row. The second patch has 2 rows with 8 pumpkins in each. Calculate the total number of pumpkins in Mrs Jones' garden.



b) Can you suggest a method of solving this problem by using only one calculation?



1) Which calculation is the odd one out? Explain how you know.

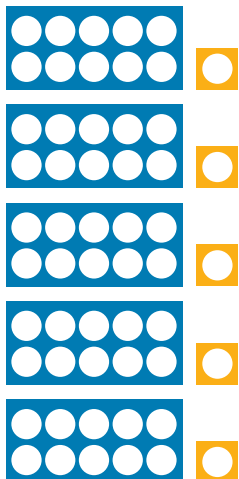
$72 \div 12 = 6$

$12 \times 12 = 144$

$10 \times 8 + 1 \times 8 = 88$

$33 \div 3 = 12$

2) The children have written calculations to find the total in the image. Are any of them wrong? Explain how you know.



$11 \times 5 =$



Eva

$10 \times 5 + 1 \times 5 =$



Mateuz

$10 \times 11 =$

$110 \div 2 =$



Craig

$2 \times 11 + 3 \times 11 =$



Tina

3) Is this statement always, sometimes or never true? Explain how you know.

The digits in each multiple of 11 are always the same as each other.



- 1) a)** An alien spaceship has crash-landed on earth. Inside, there were aliens from Venus and Jupiter. The aliens from Venus had 12 eyes; the aliens from Jupiter had 11 eyes. There were 104 eyes in the spaceship. Use your knowledge of the 11 and 12 times table to work out how many aliens there were from each planet.



b) Explain how you solved this problem.

2) Write your own problem which requires knowledge of 12 and 11 times table facts. Can your partner solve your question?
