

Adding Equal Groups

These are reasoning and problem solving questions. They are designed for the children to do with an adult. You don't need to write down the answers, just talk about them. The act of discussing Maths creates the understanding without needing to record it. You may need to use objects from around the house to help you. The questions do get harder... Have a go!

1a. Martin has 5 jars and he puts 2 pencils in each jar.



How many pencils does he have altogether? Show your working.

$$2 + 2 + 2 + 2 + 2 = \square$$



PS

2a. Jojo and Hassan have been counting in 2s starting from 0.

Jojo



5 groups of 2 is equal to 10.

Hassan



4 groups of 2 is 6.

Who is correct? Explain your answer.



R

4a. Dion has 3 ships and he puts 5 pirates in each.



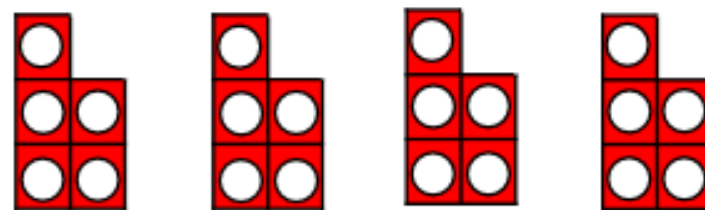
How many pirates does he have altogether? Show your working.

$$\square + \square + \square = \square$$



PS

6a. Look at the Numicon and the number sentence below.



$$5 + 5 + 5 = 20$$



$$2 + 2 + 2 + 2 + 2 = 8$$

Find and correct any mistakes.



PS

7a. Susie has six jars and she puts five sweets in each jar.



How many sweets does she have altogether? Show your working.



Making Arrays

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Use your detective skills. Complete the array. What is behind the splat? How many are there?



6a. Which is the odd one out? Why?

$$10 + 10 = 20$$

There are 10
apples in each
row. There are 3
rows.

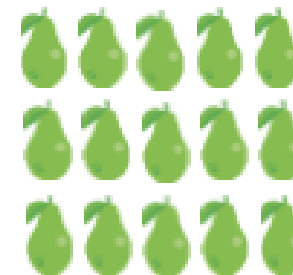


20

6b. Which is the odd one out? Why?

$$2 + 2 + 2 = 6$$

There are 5
pears in each
row. There are 3
rows.



20

Use your detective skills. Complete the array. How many buttons are behind the splat

