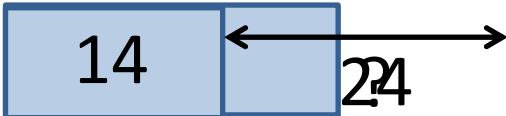




Mrs Jones has 58 red beads and 29 blue beads.

She uses 20 red beads and 15 blue beads to make a necklace.

How many more red beads than blue beads does Mrs Jones have left?

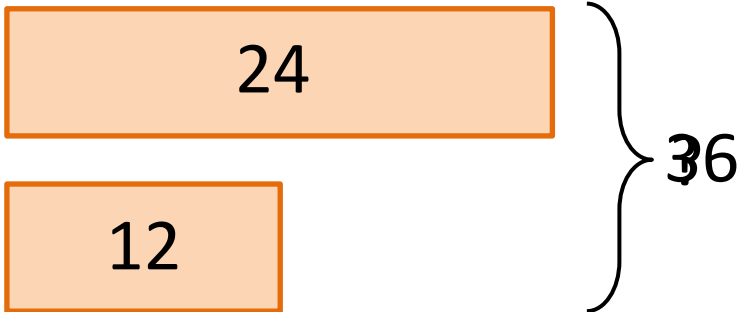
Model		Calculations
Red		$58 - 20 = 38$
Blue		$29 - 15 = 14$
		$38 - 14 = 24$

Mrs Jones has 24 more red beads left.

There are 24 chocolates in a jar.

Another jar contains $\frac{1}{2}$ the number of chocolates that are in the first jar.

How many chocolates are there in total in the two jars?

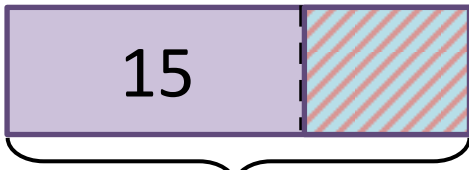
Model		Calculations
Jar 1		$24 \div 2 = 12$ $24 + 12 = 36$

There are 36 chocolates in total.

- 3** Andy and Cho have some money.
They each buy one of these T-shirts.



They now have a total of £57 left.
If Andy had £60 at first, how much
money did Cho have to start with?

Model	Calculations
Andy  Cho  57	$60 - 18 = 42$ $57 - 42 = 15$ $15 + 18 = 33$

Cho had £ 33 to start with.

4

There are some passengers on a double decker bus.

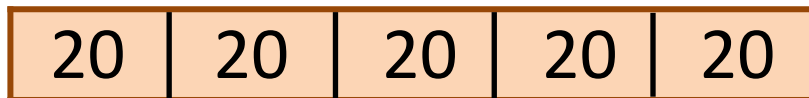
- At the first stop $\frac{2}{5}$ of the passengers get off and 12 get on.
- At the next stop $\frac{3}{8}$ of the passengers get off and 7 get on.
- There are now 52 passengers on the bus.

How many were on at the start?

Model

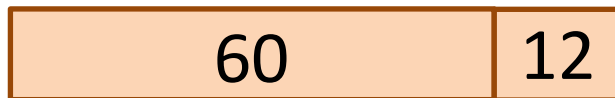
Calculations

First



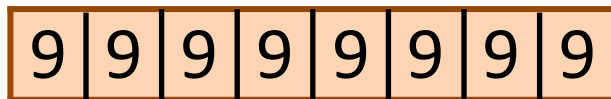
$$52 - 7 = 45$$

Then



$$45 \div 5 = 9$$

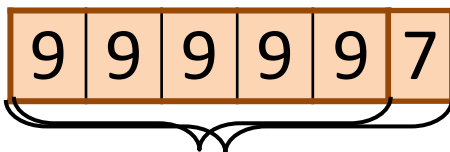
Then



$$9 \times 8 = 72$$

$$72 - 12 = 60$$

End



$$60 \div 3 = 20$$

$$20 \times 5 = 100$$

There were 100 passengers on the bus at the start.