

I Sam has some red and blue cubes.
He has 15 red cubes.
He has 8 more blue cubes than red ones.
How many cubes does he have in total?

Model		Calculations
Red		$15 + 8 = 23$
Blue		$23 + 15 = 38$

Sam has 38 cubes in total.

2 Jon thinks of a number.



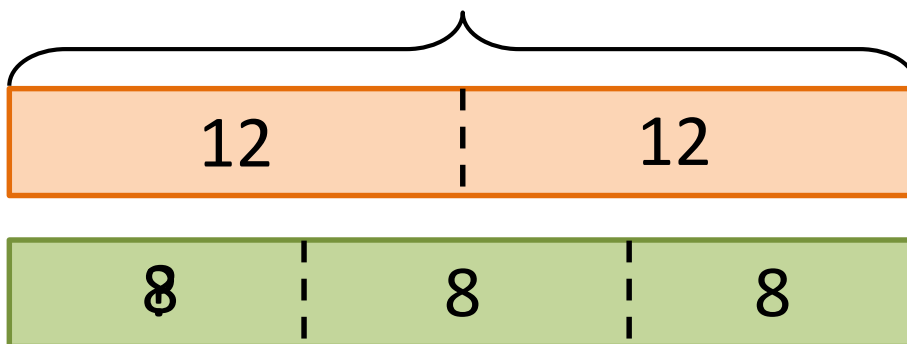
Half of my
number is 12

What is one third of Jon's number?

Model

Calculations

Jon's number



$$12 + 12 = 24$$

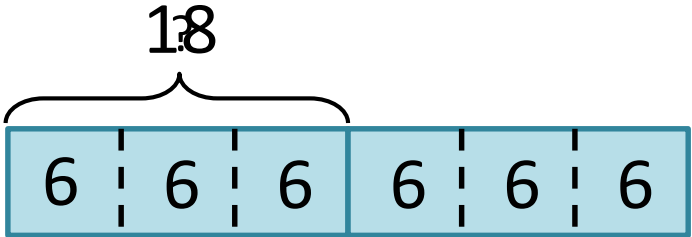
$$24 \div 3 = 8$$

One third of Jon's number is 8

3 A large box weighs three times as much as a small box.

Two large boxes and one small box weigh 42 kg.

How much does one large box weigh?

Model	Calculations
Large  Small 	$42 \div 7 = 6$ $6 \times 3 = 18$

One large box weighs 18 kg

4 Amy, Beth and Caroline sell cookies.

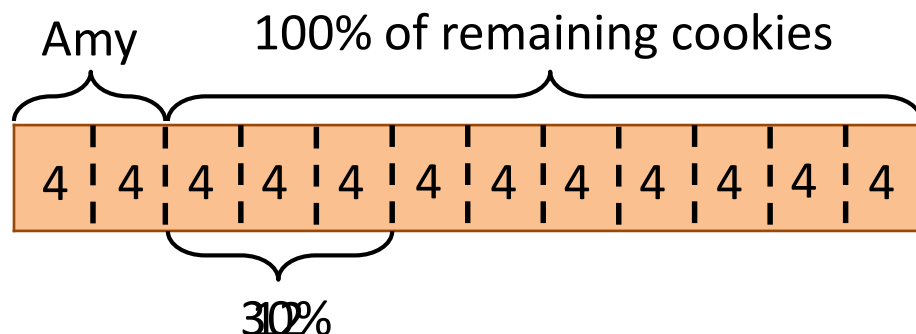
Amy sells $\frac{1}{6}$ of the cookies.

Beth sells 30% of the remaining cookies.

Beth sells 12 cookies.

How many cookies did they sell altogether?

Model



Calculations

$$12 \div 3 = 4$$

$$12 \times 4 = 48$$

They sold 48 cookies altogether.