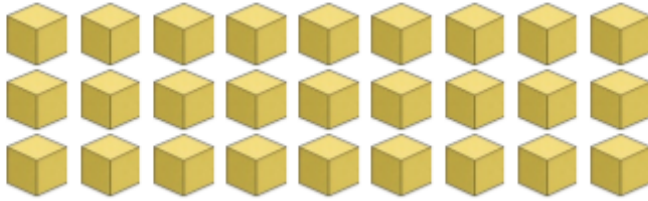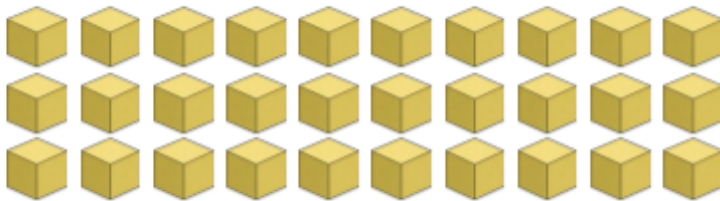# Challenges

1) Divide the cubes into groups of three. How many groups do you have?
   Write a calculation to match your model.

   _____

2) Divide the cubes into three equal groups. How many cubes are in each group?
   Write a calculation to match your model.

   _____

3) Miss Bell's class are split into groups of three for their PE lesson. There are 33 children in total in the class. How many groups would there be? Complete the bar model to show your answer.

33

4) For lunch, the kitchen serves three sausages per person.
   If 45 vegetarian sausages are cooked, how many people will this serve? _____

Challenges

Jennie and Josiah were at the shop.

£3	£5	£8	£11

1) Jennie bought some balloons and one other thing. If she spent £26, how many balloons could she have bought? Show your calculations.

2) Josiah bought some balloons and a present for a birthday party. Josiah received £3 change from £50. How many balloons could he have bought? Show your calculations.

ANSWERS

1) $27 \div 3 = 9$

2) $30 \div 3 = 10$

3)

33										
3	3	3	3	3	3	3	3	3	3	3

4) 15

---

1)

If Jennie bought one car:	If Jennie bought one set of paints:	If Jennie bought a book:
$26 - 5 = 21$	$26 - 8 = 18$	$26 - 11 = 15$
$21 \div 3 = 7$	$18 \div 3 = 6$	$15 \div 3 = 5$
She bought 7 balloons.	She bought 6 balloons.	She bought 5 balloons.

2) $50 - 3 = 47$

Josiah must have spent £47.

If Josiah bought one car:	If Josiah bought one set of paints:	If Josiah bought a book:
$47 - 5 = 42$	$47 - 8 = 39$	$47 - 11 = 36$
$42 \div 3 = 14$	$39 \div 3 = 13$	$36 \div 3 = 12$
He bought 14 balloons.	He bought 13 balloons.	He bought 12 balloons.