

# Problem solving – mixed problems

- 1 a) Jamie has 6 packs of monster trading cards.



How many cards does she have in total?

$$\square \times \square = \square$$

Jamie has  cards in total.

- b) Jamie shares the cards between herself and Richard.

How many cards do they each get?

$$\square \div \square = \square$$

Jamie and Richard each get  cards.

- 2 These apples are shared between 4 horses.



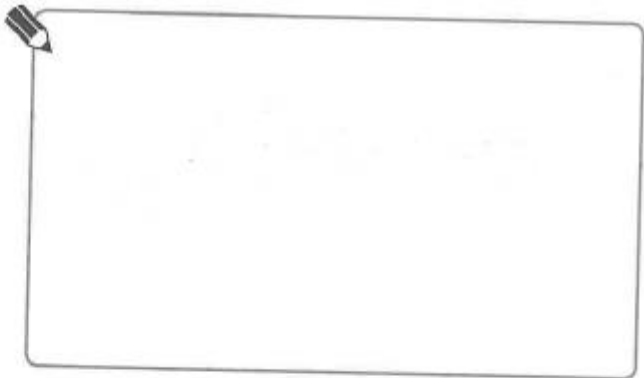
How many apples does each horse get?

$$\square \times \square = \square$$

$$\square \div \square = \square$$

Each horse gets  apples.

3 These towers of cubes are put into new towers of 3 cubes.

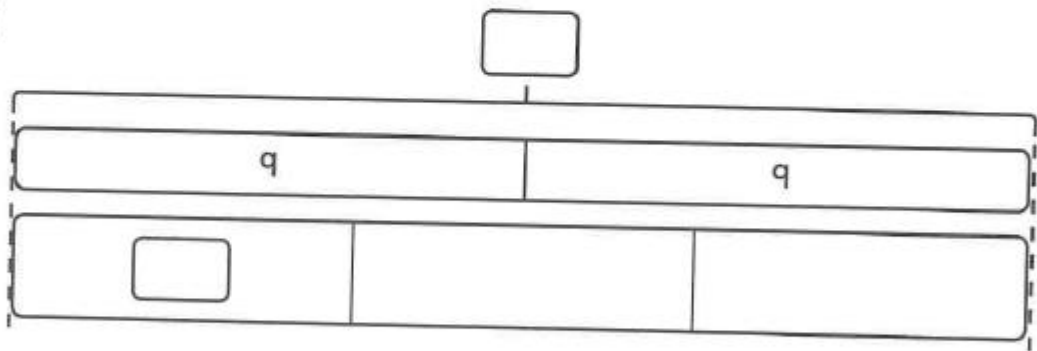


How many towers of 3 cubes can be made?

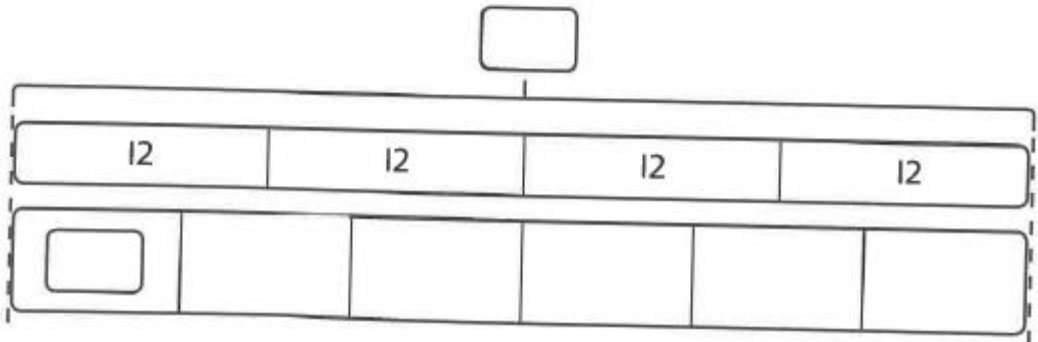
towers of 3 cubes can be made.

4 Work out the missing value in each of the bar models.

a)



b)



5 How much does 1 teddy bear weigh?





1 teddy bear weighs  kg.

6 8 small ice cream cones cost the same as 6 large cones.

The small cones cost £3 each.

How much do 5 large cones cost?





## Reflect

Draw a bar model to show that 2 pineapples cost the same as 5 apples.  
Label the bars. Explain to a partner how your bar model shows the problem.