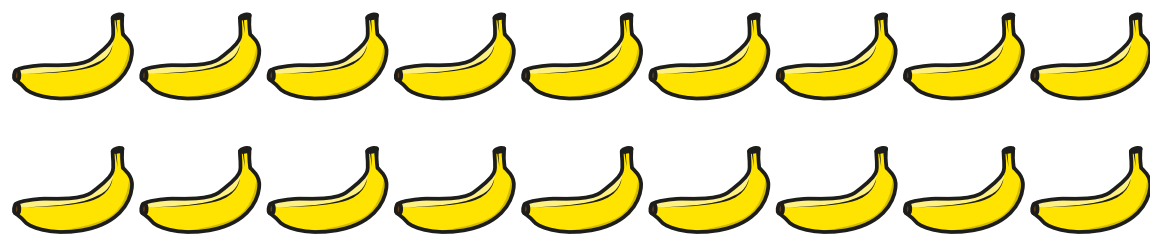


# Problem solving with fractions

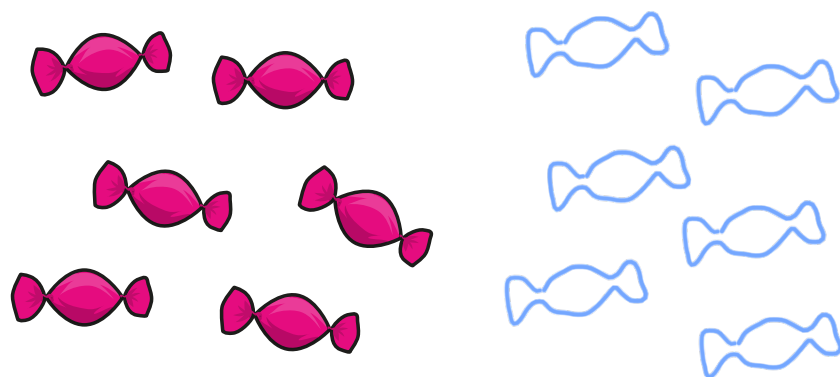
- 1 Mo has these bananas



He gives half of the bananas to his friend.  
How many bananas does he give to his friend?

9 bananas

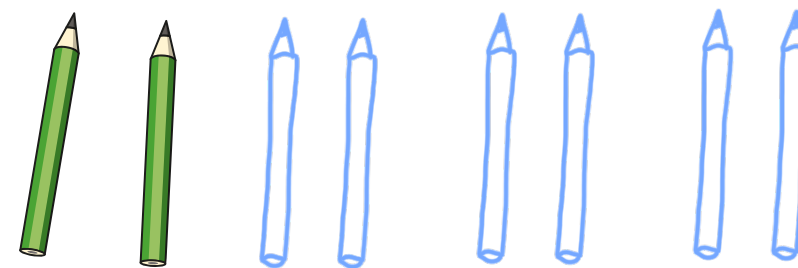
- 2 a) This is half of Eva's sweets.



Draw the rest of Eva's sweets.

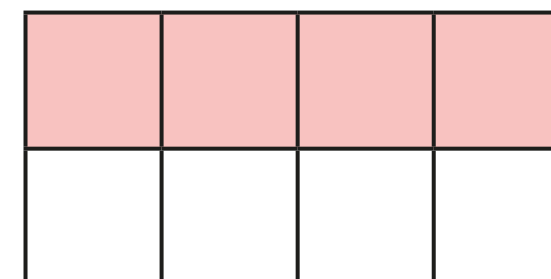


- b) This is one quarter of Eva's pencils.



Draw the rest of Eva's pencils.

- 3 Kim shades part of a rectangle.



She shades some more squares.

$\frac{3}{4}$  of the rectangle is now shaded.

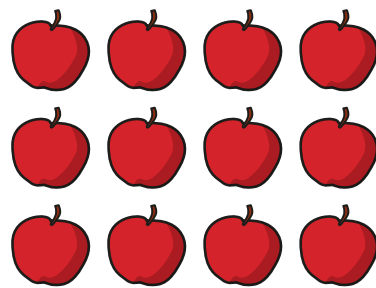
How many more squares does she shade?

2 squares

- 4 Complete the number sentences.

$$\frac{1}{2} \text{ of } 8 = 4 \quad \frac{1}{2} \text{ of } 10 = 5$$

- 5 Ron has 12 apples.



He gives  $\frac{1}{4}$  of the apples to his mum.

- a) How many apples does he give to his mum?

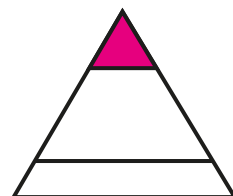
3 apples

- b) How many apples does he have left?

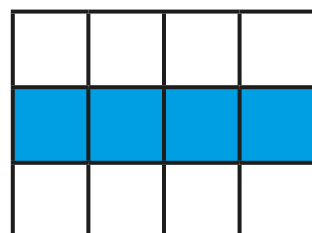
9 apples

- 6 Are the statements true or false?

- a) One third of this shape is shaded. *false*



- b) One third of this shape is shaded. *true*



- 7 The pictogram shows how many children walk to school each day.

Monday	
Tuesday	
Wednesday	

Key = 10 children

There are 100 children in the school.

How many children did **not** walk to school on Tuesday?

45 children

- 8 There are some apples in a box.

- $\frac{1}{4}$  of the apples are green.
- The rest of the apples are red.
- There are 5 green apples in the box.

How many red apples are there?

15

