1 Complete the sentences.

a)
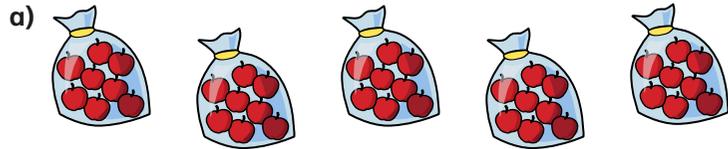
There are ☐ bags of apples.

There are ☐ apples in each bag.

There are ☐ apples in total.

b)
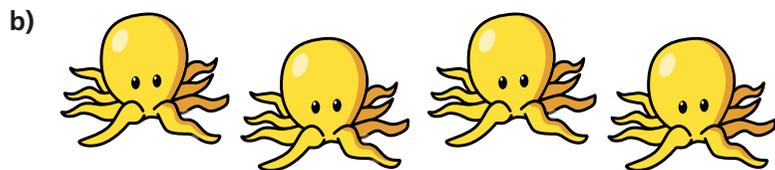
There are ☐ octopuses.

There are ☐ arms on each octopus.

There are ☐ arms in total.

2 Use counters to represent 2 × 8

Draw your representation.

3 Work out how many cubes there are in total.
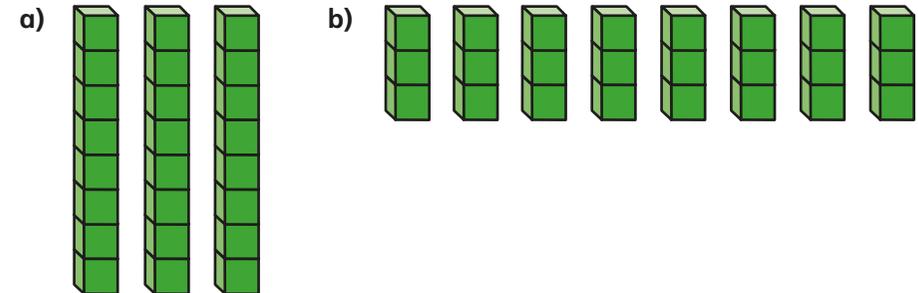
Write a multiplication sentence.

a)

b)

What is the same about your answers? What is different?

4 How many dots are there in total?

How many different ways can you work this out?

5

| 8 | 8 | 8 | 8 | 8 | 8 | 8 |
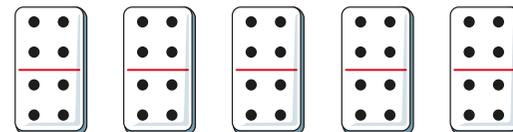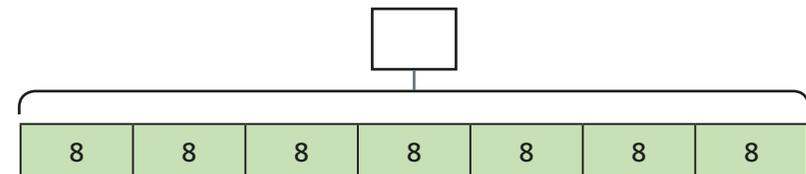
a) What multiplication is represented by the bar model?

b) Label the bar model with the whole.

c) Draw a bar model to represent 3 × 8

3 Work out how many cubes there are in total.
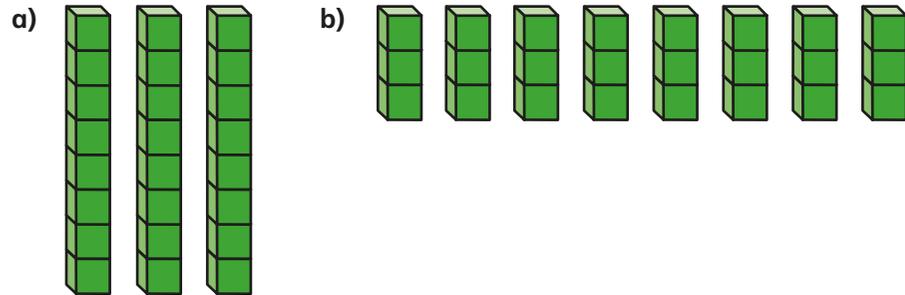
Write a multiplication sentence.

a)

b)

What is the same about your answers? What is different?

4 How many dots are there in total?

How many different ways can you work this out?

5

| 8 | 8 | 8 | 8 | 8 | 8 | 8 |
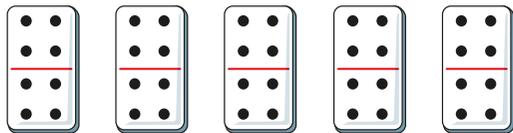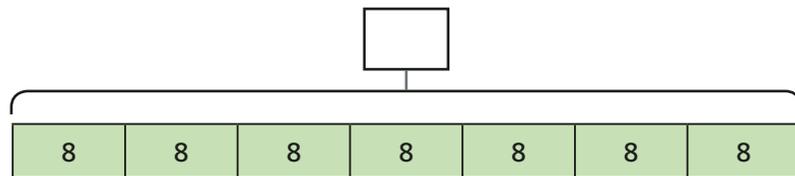
a) What multiplication is represented by the bar model?

b) Label the bar model with the whole.

c) Draw a bar model to represent 3 × 8

6 Whitney has 10 packets of seeds.
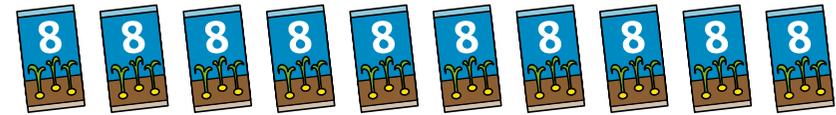
a) How many seeds does Whitney have in total?

b) Ron has 4 fewer packets than Whitney.
   How many seeds does he have?

7 Jack and Annie are practising their 8 times-table.

To multiply any number by 8, you can multiply it by 4 and then double it.

Jack

To multiply any number by 8, you can double the number 3 times.

Annie

a) Who do you agree with?
   Talk about it with a partner.

b) Use both methods to work out these multiplications.

   8 × 4   8 × 9   11 × 8