Doubling and halving

1 Tick the pictures that show doubling.
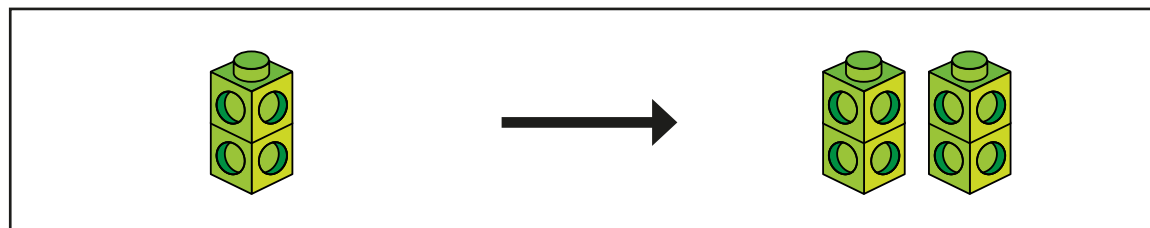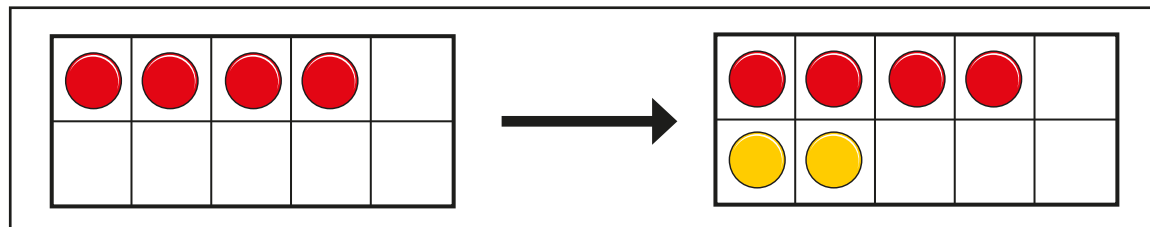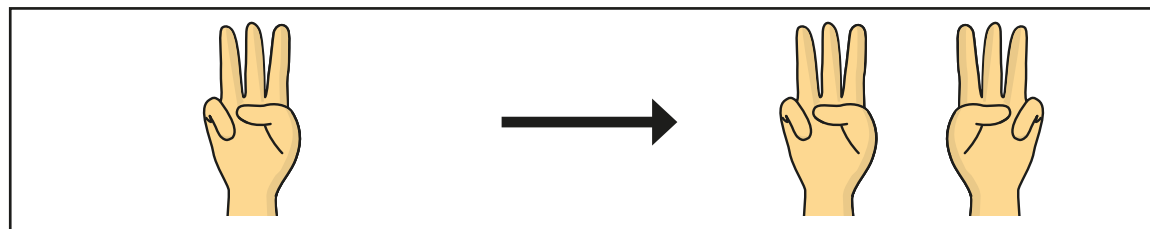
Talk about your answers with a partner.

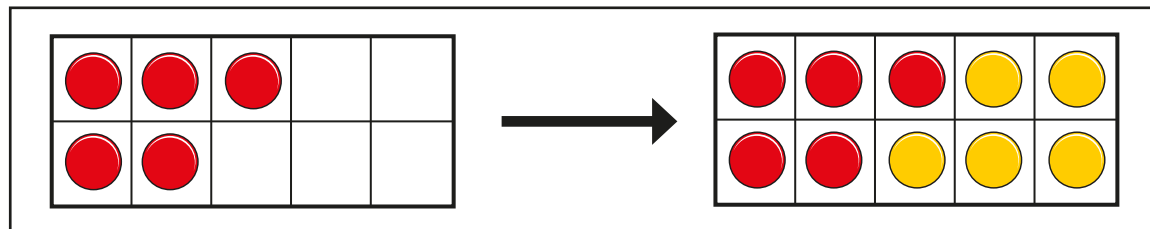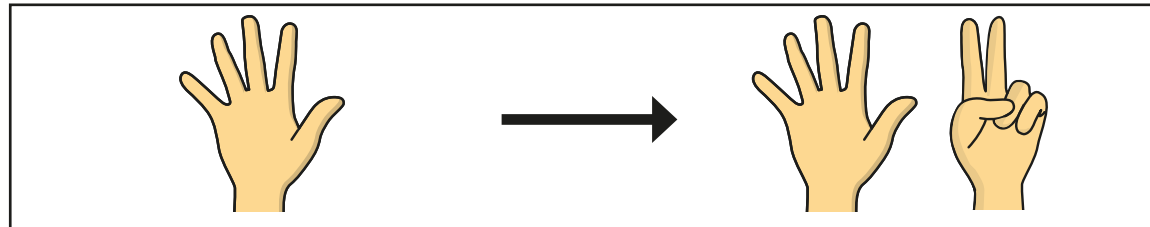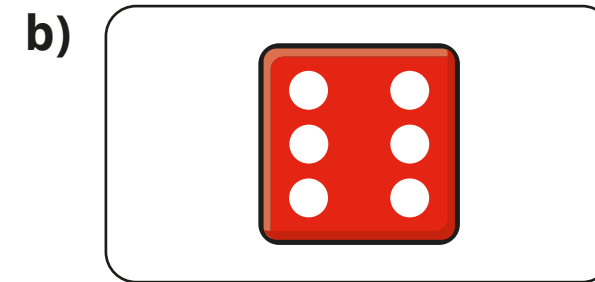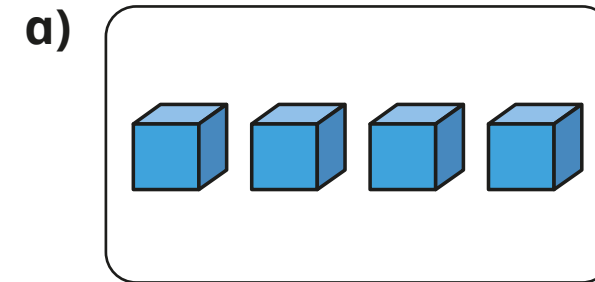Why do some of the pictures **not** show doubling?

2 Draw the double of each picture.

a)

b)

3 Complete the sentences.

a) Double 3 is equal to 3 + 3

Double 3 is equal to [ ] × 2

Double 3 is equal to [ ]

b) Double [ ] is equal to 8 + 8

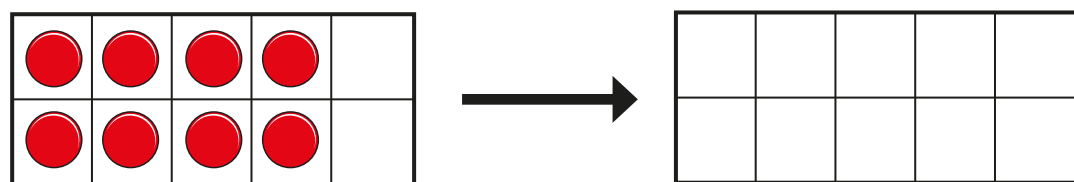Double [ ] is equal to [ ] × [ ]

Double [ ] is equal to [ ]

4 Max is halving 8
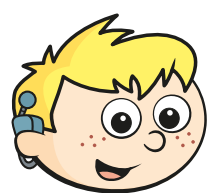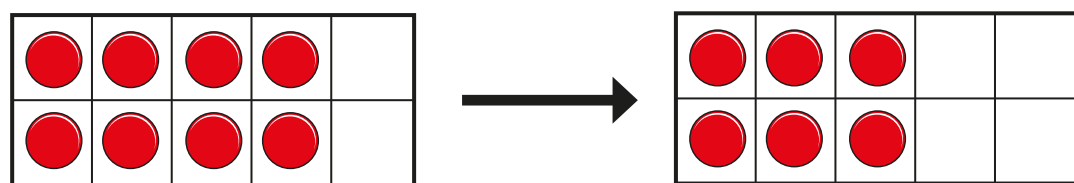
Half of 8 is 6

a) What mistake has Max made?

b) Draw counters to show half of 8
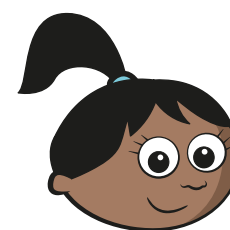

5 Complete the sentences.

a) Half of 10 is equal to ☐ ÷ 2

Half of 10 is equal to ☐
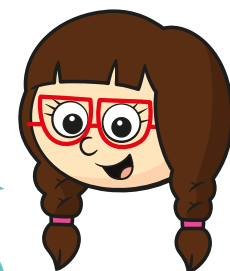
b) Half of ☐ is equal to 22 ÷ 2

Half of ☐ is equal to ☐

6 Sam is thinking of a number.

Half of my number is 4

Sam

Sam is thinking of the number 2

Jo

Do you agree with Jo? _____

Explain your reasons to a partner.

7 Work out the doubles and halves.

a) double 20 = ☐

b) half of 60 = ☐

c) double ☐ = 10

d) half of ☐ = 10

Compare methods with a partner.

White Rose MATHS