# Maths test

1. Work out:
   1. (5 + 3)2
   2. 43
2. A box of chocolates has 15 chocolates. There is one dark chocolate for every two white chocolates.

How many chocolates in the box are

* 1. dark
  2. white?

1. The ratio of sand to cement needed to make mortar is 5:1.

Ben uses 10 kg of cement.

How many kgs of sand does he use?

1. Here are four calculations:
   1. 8 – 3 x 2 b. (8 – 3) x 2 c. 8 x 3 x -2 d. 8 + 3 x -2

Which of these calculations have the same answer?

1. A new car costs £12 000.

After one year it has lost 20% of its value.

What is it worth now?