



A savings account earns 10% compound interest a year.

£2000 is invested.

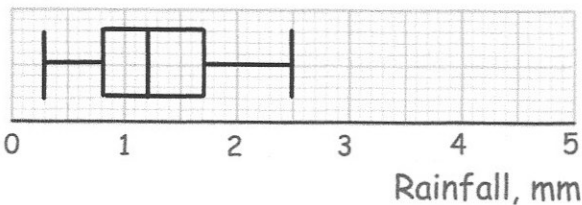
How much interest is earned over 3 years?

$$2000 \times 1.1^3 = 2662$$

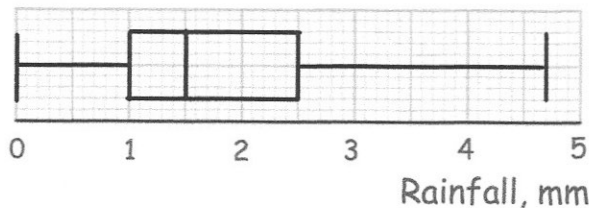
$$2662 - 2000 = \underline{\underline{£662}}$$

Below are box plots that show the distribution of daily rainfall in May and June.

May



June



Make two comparisons between the distributions of the daily rainfall in May and June.

1) Less daily rainfall in May (median 1.2mm) than June (median 1.5mm)

2) The daily rainfall is more varied in June (IQR 1.5mm) than May (IQR 0.9mm)

The area of two circles have areas in the ratio 1:9

$$1:3$$

If the radius of the smaller circle is 2.5cm, what is the radius of the larger circle?

$$2.5 \times 3 = 7.5 \text{ cm}$$

A shop sells a "meal deal" that contains a sandwich, a drink and a snack.

There are 9 different sandwiches.
There are 15 different drinks.
There are 6 different snacks.

How many different "meal deals" could be bought?

$$9 \times 15 \times 6 = \underline{\underline{810}}$$