



Solve

$$4x^2 = 64$$

In a box there are red and white counters. Altogether there are 800 counters.
There are exactly 210 more red counters than white counters.

How many white counters are there?

In a sale, all prices are decreased by 15%.

In the sale, a TV costs £323.

Work out the normal price of the TV.

Using a calculator, work out

$$\sqrt{\frac{\cos 82^\circ}{\sin 82^\circ}}$$

Write your answer to 2 significant figures

Solve $x^2 + x - 72 = 0$