

- 1 One square number between 50 and 100 is also a cube number.

Write down this number.

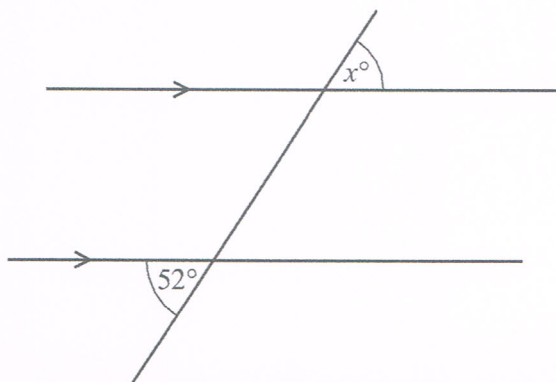
$$8^2 = 64$$

$$4^3 = 64$$

Answer 64 [1]

For
Examiner's
Use

2



NOT TO
SCALE

A straight line intersects two parallel lines as shown in the diagram.

Find the value of x .

Answer $x =$ 52 [1]

- 3 A letter is chosen at random from the following word.

STATISTICS

Write down the probability that the letter is

(a) **A** or **I**,

Answer(a) $\frac{3}{10}$ [1]

(b) **E**.

Answer(b) 0 [1]

- 4 Ingrid throws a javelin a distance of 58.3 metres, correct to 1 decimal place.

Complete the statement about the distance, d metres, the javelin is thrown.

lower bound 58.25 upper bound 58.35
 Answer $58.25 \leq d < 58.35$ [2]