Corbettmaths

The distance between the Sun and Earth is 150,000,000 km, correct to 2 significant figures.

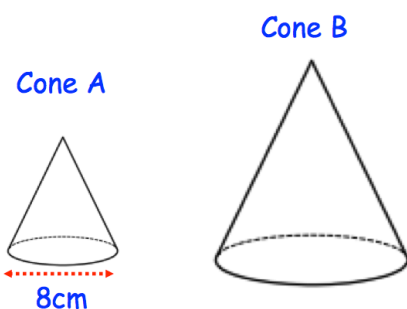Write down the lower bound

Write down the upper bound

What number does not have a reciprocal?

Write down the equation of the line that is perpendicular to 3x − y = 1 and passes through (0, 7)

Solve using the quadratic formula

$$x^2 + 2x - 10 = 0$$

Cone B

Cone A

8cm

Cone A and cone B are similar.
The surface area of cone A is 120cm²
The surface area of cone B is 1080cm²
The diameter of cone A is 8cm.
Work out the diameter of cone B.