

9th October

Corbettmaths

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

Write down the lower bound

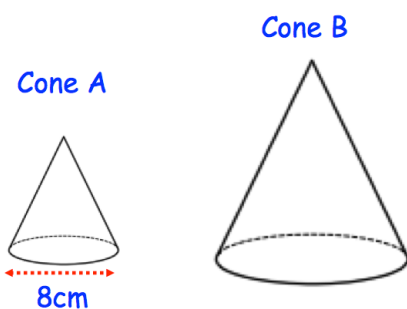
Write down the upper bound

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 A and cone B are mathematically similar.
The total surface area of cone A is 120cm^2
The total surface area of cone B is 1080cm^2
The diameter of cone A is 8cm.
Work out the diameter of cone B.