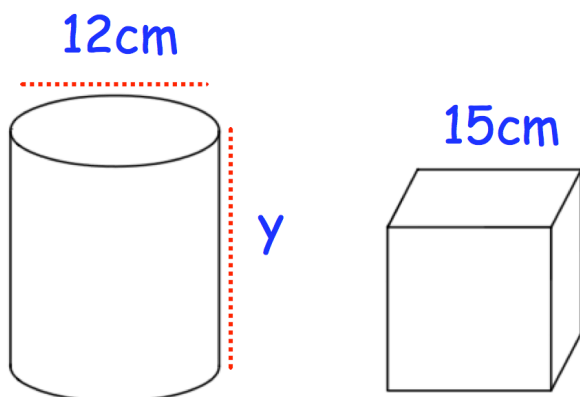Tick the correct box

8^{-2} Greater than 0 ☐
           Equal to 0 ☐
           Less than 0 ☐

Simplify

$$\frac{\pi}{3} \times \frac{\pi}{2}$$

James says $(a + b)^2 = a^2 + b^2$
Is he correct?

12cm

15cm

y

A cylinder has diameter 12cm and height y.
A cube has side length 15 cm.
The cylinder and cube have the same volume.

Find y.