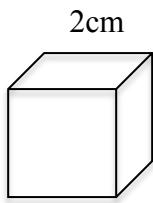
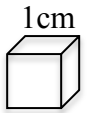
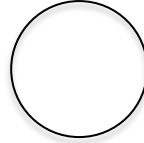
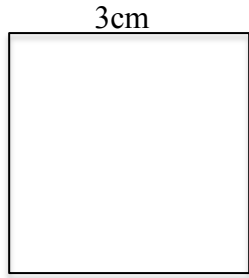
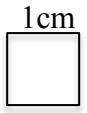
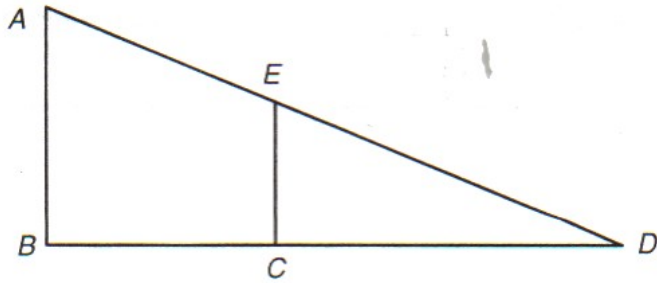


1.4 Perimeter, Area and Surface Area of Similar Figures





$BC = 3$ and $CD = 4$.

What is the ratio of the perimeter of $\triangle CDE$ to $\triangle BDA$?

What is the ratio of the area of $\triangle CDE$ to $\triangle BDA$?

Jasmine is making a kite from a 2:25 scale diagram. The area of the scale diagram is 20 cm^2 . How much fabric will she need for her kite?

The area of two similar triangles are 36 cm^2 and 49 cm^2 . What is the ratio of their heights?