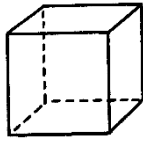## Surface Area of Cubes and Rectangular Prisms
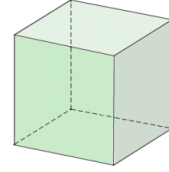
1) **Calculate the surface area of each cube below (include units in your answer)**

a)

28 cm

b)

15.5 ft

2. **Calculate the surface area of each rectangular prism (include units in your answer).**
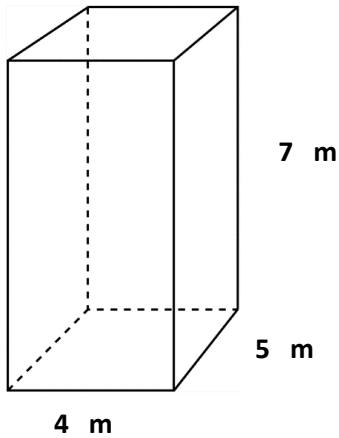
a)

45 cm

10 cm

25 cm

b)

3.5 inches

12 inches

5 inches

3. Linda owns a large rectangular storage shed (see below). It is 5 meters long, 4 meters wide and 7 meters high. She would like to paint all the outer walls and roof red. Calculate the surface area of the painted region (include units in your answer).

7 m

5 m

4 m

4. Mark built an open wooden box that is in the shape of a cube (see below). The cube is 30 cm long. He would like to varnish all faces of the box, inside and out. Calculate the surface area of the varnished area (include units in your answer).