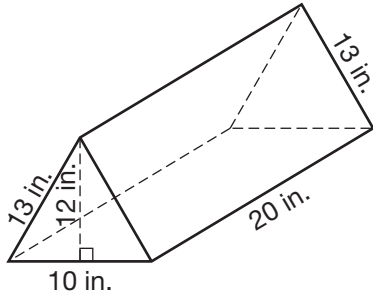


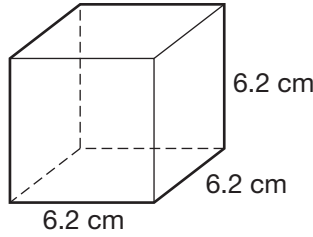
Surface Area

Find the surface area of each figure.

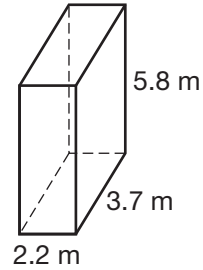
1.



2.



3.



Find the surface area of each rectangular prism.

4. $l = 6.9$ mm, $w = 8.2$ mm, $h = 14$ mm

5. $l = 3.4$ cm, $w = 12.7$ cm, $h = 16.5$ cm

6. $l = 5.7$ yd, $w = 9$ yd, $h = 12.9$ yd

7. **Reasoning** Margaret wants to cover a footrest in the shape of a rectangular prism with cotton fabric. The footrest is 18 in. \times 12 in. \times 10 in. She has 1 yd² of fabric. Can she completely cover the footrest?

8. Which is the surface area of a rectangular prism with a length of 2.3 in., a width of 1.1 in., and a height of 3 in.?

A 26.48 in²

B 25.46 in²

C 24.58 in²

D 21.5 in²

9. **Writing to Explain** A square pyramid has 2 m sides on the base. Each face is a triangle with a base of 2 m and a height of 1.5 m. Explain how to find the surface area.

