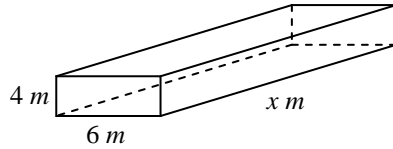


Lesson 6.4C ~ Nets and Surface Area

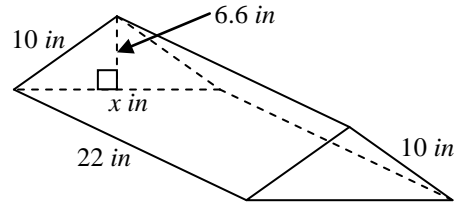
Name _____ Period _____ Date _____

The surface area of each prism is given. Find the missing measure.

1. Surface Area = 408 m^2



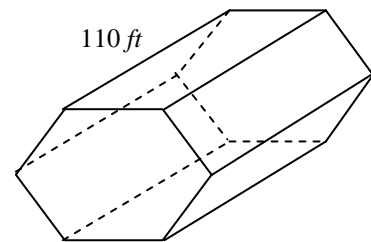
2. $SA = 869 \text{ in}^2$



3. The surface area of the regular hexagonal prism, at right, is $4,900 \text{ ft}^2$. Each base is 525 ft^2 . The height of the prism is 110 ft .

a. Find the perimeter of the base.

b. Assuming each side of the base is equal in length, find the length of one side.



4. Shayla bought her mother an ornament. She wants to wrap it in a square pyramidal gift box. The base of the pyramid is 14 cm on each side. The slant height is also 14 cm . Shayla needs an additional one-third times as much wrapping paper for overlap. How much total wrapping paper will Shayla need?

5. Find the surface area of the composite solid at the right.

