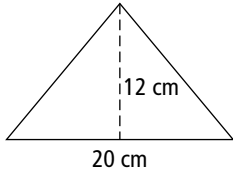


3.4 Warm Up

1. Find the area of each figure. Use a formula.

a)



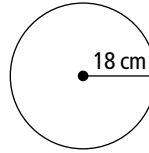
$$A = b \times h \div 2$$

← Formula →

← Substitute →

← Solve →

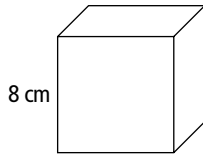
b)



$$A = \pi r^2$$

2. Find the surface area of each figure. Use a formula.

a)



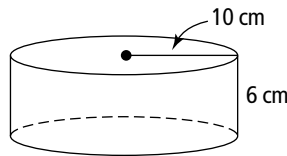
$$SA = 6s^2$$

← Formula →

← Substitute →

← Solve →

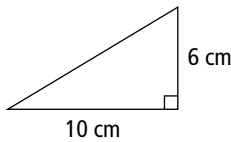
b)



$$SA = 2\pi r^2 + 2\pi rh$$

3. Use the Pythagorean relationship to solve for the missing side. Round your answer to the nearest tenth.

a)



$$c^2 = a^2 + b^2$$

$$c^2 = 6^2 + \underline{\hspace{2cm}}^2$$

$$c^2 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

$$c^2 = \underline{\hspace{2cm}}$$

$$c = \sqrt{\hspace{2cm}}$$

$$c = \underline{\hspace{2cm}} \text{ cm}$$

b)

