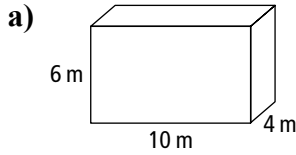


1.3 Warm Up

What are the shapes of the faces?

1. Use a formula to find the surface area of each right prism.



Area of front or back:

Area of top or bottom:

Area of end:

$A =$

$A =$

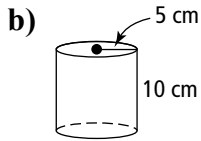
$A =$

$$SA = (2 \times \text{area of front or back}) + (2 \times \text{area of top or bottom}) + (2 \times \text{area of end})$$

$$= (2 \times \text{_____}) + (2 \times \text{_____}) + (2 \times \text{_____})$$

$$= \text{_____} + \text{_____} + \text{_____}$$

$$= \text{_____ m}^2$$



$$SA = 2 \times (\pi \times r^2) + (\pi \times d \times h)$$

2. Find the area of the shaded region.

Shaded area = area of large rectangle – area of small rectangle

$$= (\text{_____} \times \text{_____}) - (\text{_____} \times \text{_____})$$

$$= \text{_____} - \text{_____}$$

$$= \text{_____ cm}^2$$

