

Lesson 4 Skills Practice

Surface Area of Cylinders

Find the total surface area of each cylinder. Round to the nearest tenth.

total surface area

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

2 bases Lateral Area

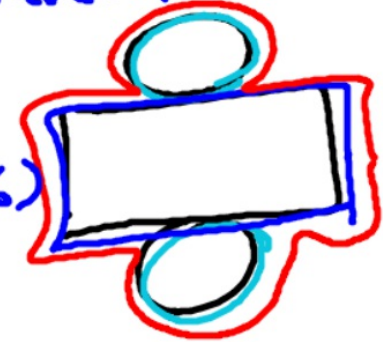
4

$$r = \frac{9.2}{2} = 4.6$$

$$2(3.14)(4.6)^2 + 2(3.14)(4.6)(8.6)$$

132.9 248.4

$$= 381.3 \text{ m}^2$$



4.

