

Right Prisms and Right Cylinders

1. Determine the surface area of a cylinder with a diameter of 4 feet and a height of 10 feet.

Step 1: Draw and label a diagram.

Step 2: Choose the appropriate surface area formula.

Step 3: Calculate the surface area.

2. The right triangular prism shown is 8.5 cm long. The triangular base has a height of 6 cm, a base length of 5.5 cm, and two identical sides each measuring 6.6 cm. Determine the surface area of the prism, to the nearest square centimetre.

