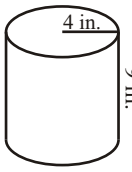


## Cylinder Surface Area



$SA \approx 2\pi r^2 + \pi dh$  ← State your formula.

$SA \approx (2)(3.14)(4)^2 + (3.14)(8)(9)$  ← Plug-in values for pi, radius, diameter and cylinder height.

$SA \approx (6.28)(16) + (3.14)(72)$  ← Simplify each side of the plus sign. Add last.

$SA \approx 326.56 \text{ in}^2$

Directions: Find the surface area of each of the following cylinders. (Objects are not drawn to scale.)

