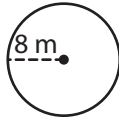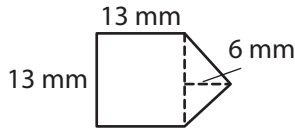**7.** The radius of the circle is given in meters. What is the circumference of the circle? Use 3.14 for $\pi$.

8 m

(A) 25.12 meters

(B) 50.24 meters

(C) 200.96 meters

(D) 803.84 meters

**8.** The dimensions of the figure are given in millimeters. What is the area of the two-dimensional figure?

13 mm

13 mm

6 mm

(A) 39 square millimeters

(B) 169 square millimeters

(C) 208 square millimeters

(D) 247 square millimeters

## Gridded Response

**9.** What is the measure in degrees of an angle that is supplementary to a 74° angle?

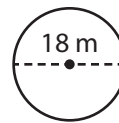| | | | | • | | |
|---|---|---|---|---|---|---|
| ⓪ | ⓪ | ⓪ | ⓪ | | ⓪ | ⓪ |
| ① | ① | ① | ① | | ① | ① |
| ② | ② | ② | ② | | ② | ② |
| ③ | ③ | ③ | ③ | | ③ | ③ |
| ④ | ④ | ④ | ④ | | ④ | ④ |
| ⑤ | ⑤ | ⑤ | ⑤ | | ⑤ | ⑤ |
| ⑥ | ⑥ | ⑥ | ⑥ | | ⑥ | ⑥ |
| ⑦ | ⑦ | ⑦ | ⑦ | | ⑦ | ⑦ |
| ⑧ | ⑧ | ⑧ | ⑧ | | ⑧ | ⑧ |
| ⑨ | ⑨ | ⑨ | ⑨ | | ⑨ | ⑨ |

**10.** What is the volume in cubic centimeters of a rectangular prism that has a length of 6.2 centimeters, a width of 3.5 centimeters, and a height of 10 centimeters?

| | | | | • | | |
|---|---|---|---|---|---|---|
| ⓪ | ⓪ | ⓪ | ⓪ | | ⓪ | ⓪ |
| ① | ① | ① | ① | | ① | ① |
| ② | ② | ② | ② | | ② | ② |
| ③ | ③ | ③ | ③ | | ③ | ③ |
| ④ | ④ | ④ | ④ | | ④ | ④ |
| ⑤ | ⑤ | ⑤ | ⑤ | | ⑤ | ⑤ |
| ⑥ | ⑥ | ⑥ | ⑥ | | ⑥ | ⑥ |
| ⑦ | ⑦ | ⑦ | ⑦ | | ⑦ | ⑦ |
| ⑧ | ⑧ | ⑧ | ⑧ | | ⑧ | ⑧ |
| ⑨ | ⑨ | ⑨ | ⑨ | | ⑨ | ⑨ |

*Hot Tip!* **It is helpful to draw or redraw a figure. Answers to geometry problems may become clearer as you redraw the figure.**

**11.** What is the area of the circle in square meters? Use 3.14 for $\pi$.

18 m

| | | | | • | | |
|---|---|---|---|---|---|---|
| ⓪ | ⓪ | ⓪ | ⓪ | | ⓪ | ⓪ |
| ① | ① | ① | ① | | ① | ① |
| ② | ② | ② | ② | | ② | ② |
| ③ | ③ | ③ | ③ | | ③ | ③ |
| ④ | ④ | ④ | ④ | | ④ | ④ |
| ⑤ | ⑤ | ⑤ | ⑤ | | ⑤ | ⑤ |
| ⑥ | ⑥ | ⑥ | ⑥ | | ⑥ | ⑥ |
| ⑦ | ⑦ | ⑦ | ⑦ | | ⑦ | ⑦ |
| ⑧ | ⑧ | ⑧ | ⑧ | | ⑧ | ⑧ |
| ⑨ | ⑨ | ⑨ | ⑨ | | ⑨ | ⑨ |