Name_____ Date _____

Find the circumference of the circle. Use 3.14 or $\frac{22}{7}$ for π.

1.

17 m

2.

3 ft

3.

14 in.
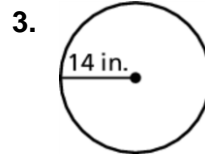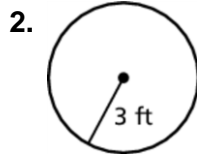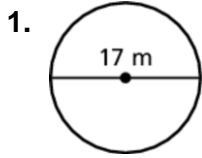
Find the perimeter of the semicircular region.
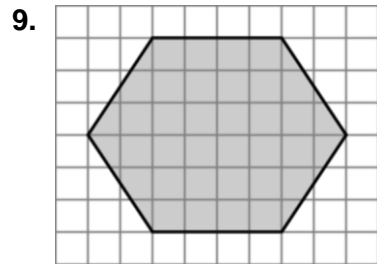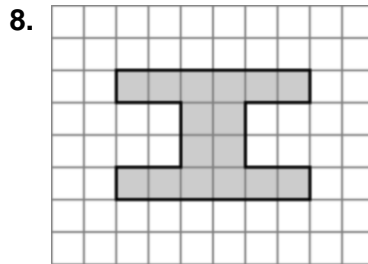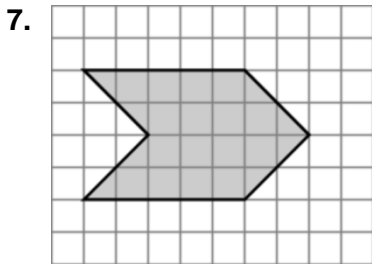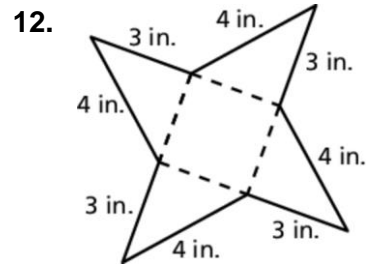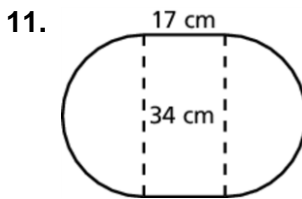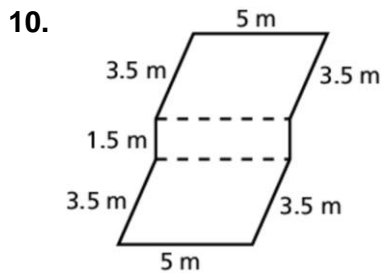
4.

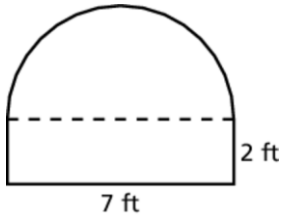22 mm

5.

⊢4

6.
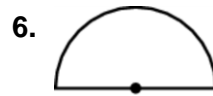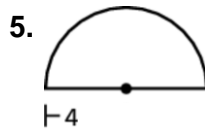
Estimate the perimeter of the figure.

7.

8.

9.

Find the perimeter of the figure.

10.

5 m
3.5 m   3.5 m
1.5 m
3.5 m   3.5 m
5 m

11.

17 cm
34 cm

12.

4 in.
3 in.   3 in.
4 in.
4 in.
3 in.   3 in.
4 in.

13. Describe and correct the error in finding the perimeter of the figure.

2 ft

7 ft

$\times$ Perimeter $\approx 2 + 7 + 2 + 21.98$
$= 32.98$ ft

14. A school has a garden in the shape of a pencil. A fence is to be built around the garden. The fence costs $2.75 per foot. How much will it cost to install the fence?

20 ft

9 ft

12 ft

9 ft
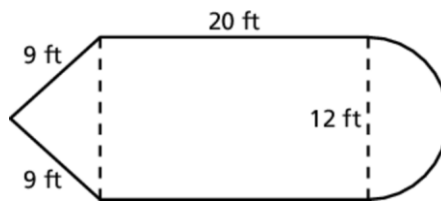
15. A shrub has been cut and trimmed into the shape of an "F." The owner has hired a landscaper to decrease the perimeter of the shrub by 10 feet. Draw a diagram of how the landscaper might do this. Is there more than one way? Explain.

12 ft

3 ft

3 ft

20 ft

5 ft

11 ft

3 ft