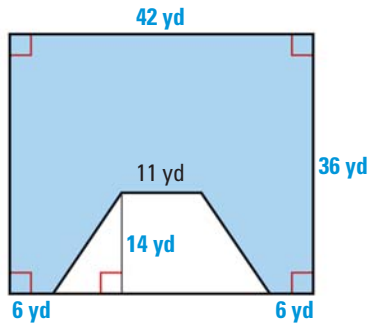


# 6 TAKS PRACTICE

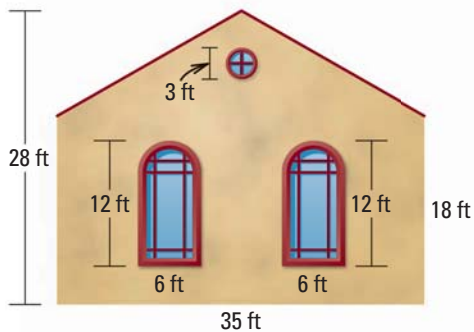
## PRACTICE FOR TAKS OBJECTIVE 8

1. What is the area of the shaded region?



- A 798 yd<sup>2</sup>
- B 1113 yd<sup>2</sup>
- C 1155 yd<sup>2</sup>
- D 1225 yd<sup>2</sup>

2. Holly has to paint the side of the building shown. She estimates the paint will cost \$.18 per square foot. Which amount best approximates the cost of the paint she needs?

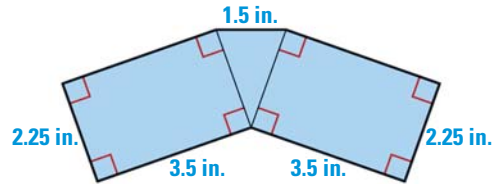


- F \$16
- G \$64
- H \$119
- J \$145

3. A rectangle has a length of 6 feet and a perimeter of 28 feet. What is the perimeter of a similar rectangle with a width of 4 feet?

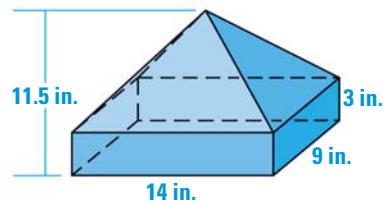
- A 7 ft
- B 14 ft
- C 19 ft
- D 21 ft

4. What is the approximate area of the figure shown?



- F 9.5 in.<sup>2</sup>
- G 17.3 in.<sup>2</sup>
- H 18.3 in.<sup>2</sup>
- J 19.1 in.<sup>2</sup>

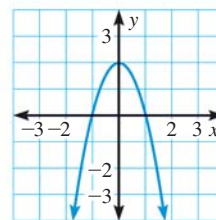
5. What is the volume of the solid?



- A 497 in.<sup>3</sup>
- B 735 in.<sup>3</sup>
- C 861 in.<sup>3</sup>
- D 1449 in.<sup>3</sup>

## MIXED TAKS PRACTICE

6. Which equation is the parent function of the graph represented below? **TAKS Obj. 2**



- F  $y = x$
- G  $y = \sqrt{x}$
- H  $y = |x|$
- J  $y = x^2$