Area of Composite Figures
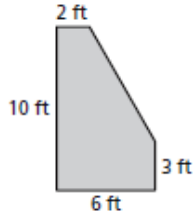You must earn 6 points!

Find the area of the figure.
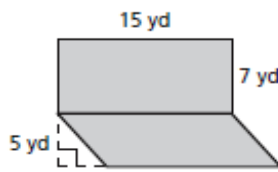
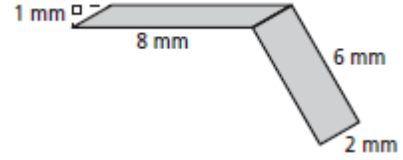**1**
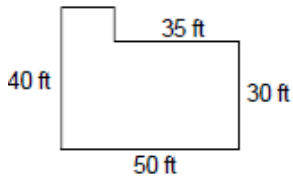
point

1.

2 ft

10 ft

3 ft

6 ft

2.

15 yd

7 yd

5 yd

3.

1 mm

8 mm

6 mm

2 mm

4.

35 ft

40 ft

30 ft
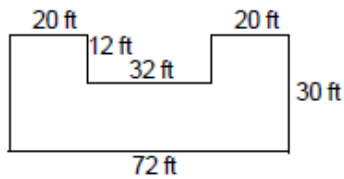
50 ft

5.

20 ft

12 ft

32 ft

20 ft

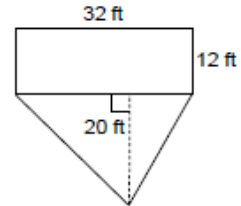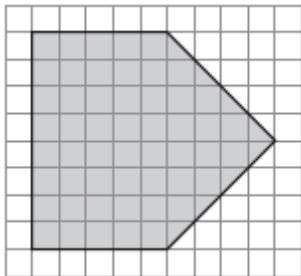30 ft

72 ft

6.
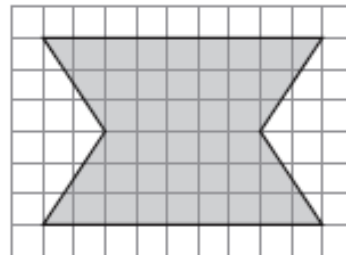
32 ft

12 ft

20 ft

Find the area of the shaded figure.

7.

8.

2

points

Solve the word problem.

9. You add a 4-foot-by-4-foot section of land to a 6-foot-by-8-foot garden. Find the area of the new garden.

10. Create your own polygon. You will need to be able to divide your polygon into at least 3 triangles and/or rectangles. Solve.

Reflecting Back

You must complete ALL 6 problems!

1. **What is the value of the expression when x = 3?**

$$2x^2 + 3x + (15 - 10)$$

2. **Tell whether the ordered pair is a solution of the equation.**

$$y = 3x - 6; \ (4, 6)$$

3. **Write the expression.**

The product of *y* and 5 divided by 2.

4. **Find the percent.**

Yesterday, 5% of the 120 sixth-graders at a school were late.
How many sixth-graders were late?

5. **Find the unit rate.**

Shannon scored 36 points on 6 questions on her test.
What is the unit rate for one question?

6. **Find the Greatest Common Factor (GCF) & the Least Common Multiple (LCM).**

8   and   18