Name: _____

Area Word Problems

Solve each problem.

Learn: Find the shape in the story, pick its area formula, and label the answer in square units.

Example: A triangular sail has a base of 19 ft and a height of 7 ft. What is its area?

Answer: $66\frac{1}{2}$ sq ft

1. A triangle has an area of 22 sq in and a base of 4 in. What is its height?

   Answer: _____

2. A 11 ft by 17 ft rectangular yard has a 2 ft by 2 ft square pool. How much of the yard is grass?

   Answer: _____

3. A trapezoid garden has bases of 11 ft and 3 ft and a height of 11 ft. What is its area?

   Answer: _____

4. A parallelogram-shaped patio has a base of 17 m and a height of 8 m. What is its area?

   Answer: _____

5. A triangular sail has a base of 17 ft and a height of 11 ft. What is its area?

   Answer: _____

6. A triangle has an area of 28 sq in and a base of 7 in. What is its height?

   Answer: _____

7. A 11 ft by 18 ft rectangular yard has a 4 ft by 4 ft square pool. How much of the yard is grass?

   Answer: _____

8. A trapezoid garden has bases of 15 ft and 5 ft and a height of 6 ft. What is its area?

   Answer: _____

Name: **ANSWER KEY**

Area Word Problems

Solve each problem.

Learn: Find the shape in the story, pick its area formula, and label the answer in square units.

Example: A triangular sail has a base of 19 ft and a height of 7 ft. What is its area?
Answer: $66\frac{1}{2}$ sq ft

1. A triangle has an area of 22 sq in and a base of 4 in. What is its height?

   Answer: 11 in

2. A 11 ft by 17 ft rectangular yard has a 2 ft by 2 ft square pool. How much of the yard is grass?

   Answer: 183 sq ft

3. A trapezoid garden has bases of 11 ft and 3 ft and a height of 11 ft. What is its area?

   Answer: 77 sq ft

4. A parallelogram-shaped patio has a base of 17 m and a height of 8 m. What is its area?

   Answer: 136 sq m

5. A triangular sail has a base of 17 ft and a height of 11 ft. What is its area?

   Answer: $93\frac{1}{2}$ sq ft

6. A triangle has an area of 28 sq in and a base of 7 in. What is its height?

   Answer: 8 in

7. A 11 ft by 18 ft rectangular yard has a 4 ft by 4 ft square pool. How much of the yard is grass?

   Answer: 182 sq ft

8. A trapezoid garden has bases of 15 ft and 5 ft and a height of 6 ft. What is its area?

   Answer: 60 sq ft