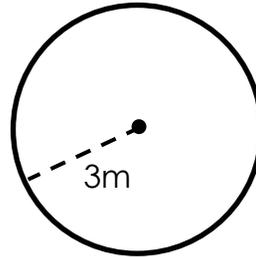


Area Formulas

2-D Geometry

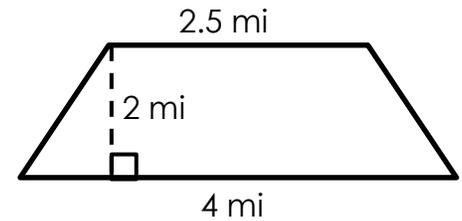
Example 9:

Find the area of the circle below.
Use 3.14 for π .



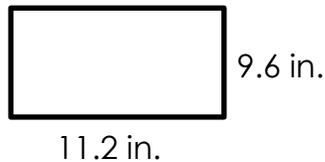
Example 7:

Find the area of the trapezoid below.



Example 2:

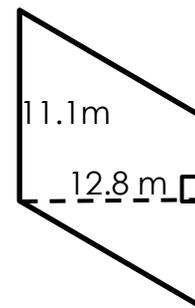
Find the area of the rectangle below.



Rectangle

Example 4:

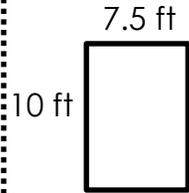
Find the area of the parallelogram below.



Parallelogram

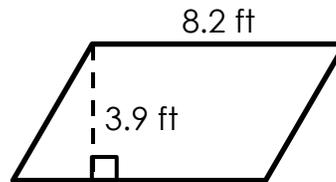
Example 1:

Find the area of the rectangle below.



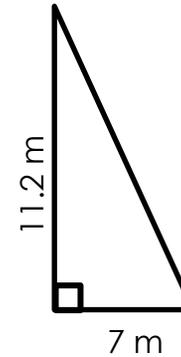
Example 3:

Find the area of the parallelogram below.



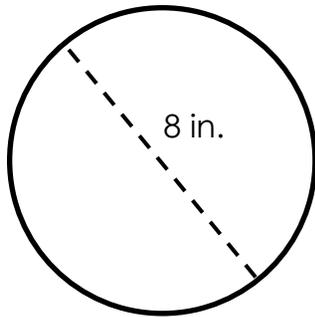
Example 5:

Find the area of the triangle below.



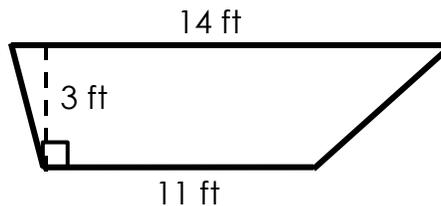
Example 10:

Find the area of the circle below.
Use 3.14 for π .



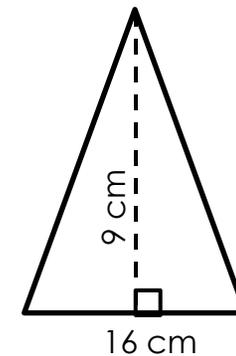
Example 8:

Find the area of the trapezoid below.



Example 6:

Find the area of the triangle below.



Circle

Trapezoid

Triangle

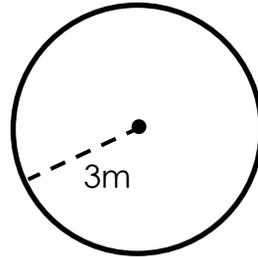
Answer Key!

Area Formulas

2-D Geometry

Example 9:

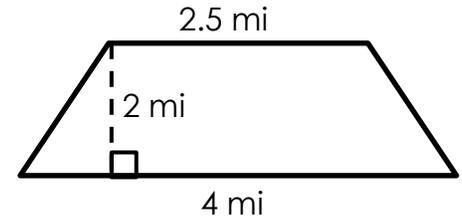
Find the area of the circle below.
Use 3.14 for π .



$$A = \pi r^2$$
$$A = 28.26 \text{ m}^2$$

Example 7:

Find the area of the trapezoid below.



$$A = \frac{1}{2}h(b_1 + b_2)$$
$$A = 10 \text{ mi}^2$$

Example 2:

Find the area of the rectangle below.



11.2 in.

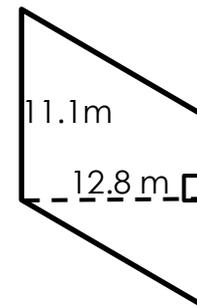
9.6 in.

$$A = bh$$
$$A = 107.52 \text{ in}^2$$

Rectangle

Example 4:

Find the area of the parallelogram below.

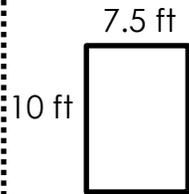


$$A = bh$$
$$A = 142.08 \text{ m}^2$$

Parallelogram

Example 1:

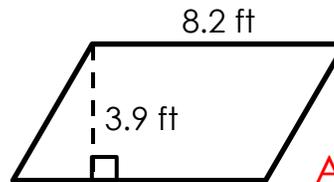
Find the area of the rectangle below.



$$A = bh$$
$$A = 75 \text{ ft}^2$$

Example 3:

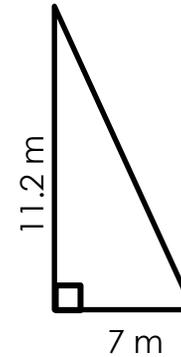
Find the area of the parallelogram below.



$$A = bh$$
$$A = 31.98 \text{ ft}^2$$

Example 5:

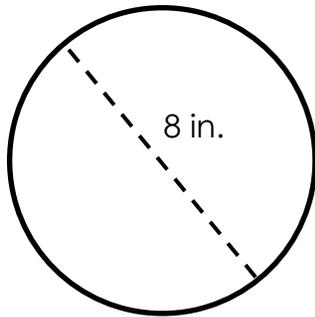
Find the area of the triangle below.



$$A = \frac{1}{2}bh$$
$$A = 39.2 \text{ m}^2$$

Example 10:

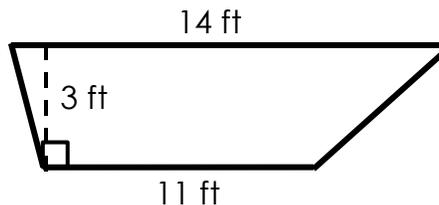
Find the area of the circle below.
Use 3.14 for π .



$$A = \pi r^2$$
$$A = 50.24 \text{ in}^2$$

Example 8:

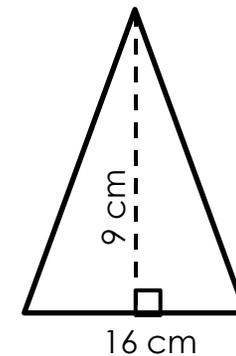
Find the area of the trapezoid below.



$$A = \frac{1}{2}h(b_1 + b_2)$$
$$A = 37.5 \text{ ft}^2$$

Example 6:

Find the area of the triangle below.



$$A = \frac{1}{2}bh$$
$$A = 72 \text{ cm}^2$$

Circle

Trapezoid

Triangle

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Directions:

Step 1: Print pages 1 & 2 front to back so that the information is facing in opposite directions.

Step 2: Cut along the dotted lines so that you have 3 narrow strips of paper.

Step 3: Line up the strips so that say "Triangle", "Trapezoid", and "Circle", as shown below.



Step 4: Fold over the top half of each of the strips & secure at the top with two staples.

The final product should look like this:

