

# Area of a Triangle

## Practice Your Understanding

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Write down the equation for calculating the area of a triangle below:

2. Using this formula calculate the area of a triangle that has a base of  $11.11\text{ m}$  and a height of  $5.25\text{ m}$ . Show all work and record your answer below:

3. Given the area of a triangle to be  $\sqrt{41}\text{ m}^2$ , and the base to be  $6\text{ m}$  find the height of the rectangle. You can use a calculator for this problem, but show all the steps you would take to solve this problem and record your answer below:

4. What is the area of a triangle that has a base of  $4\text{ m}$  and a height of  $\frac{1}{2}\text{ m}$ . What would you call a triangle of this type? Show all work and record your answer below:

