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Finding the Area of an Acute Triangle



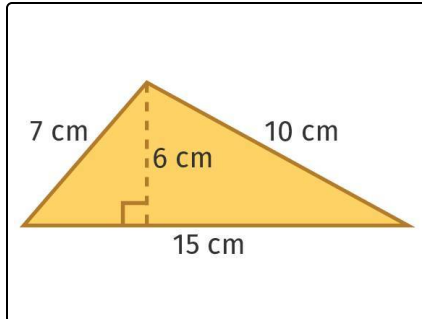
- 1 Identify the key measurements needed to find the area of an acute triangle.
- 2 Understand the characteristics of an acute triangle.
- 3 Identify the elements in the formula for the area of an acute triangle.
- 4 Use a formula to find the area of an acute triangle.
- 5 Find the area of a triangle using a formula.
- 6 Solving problems with the area of an acute triangle.
- + with many hints, answer keys, and solution approaches for all tasks



The complete package, including all tasks, hints, solutions, and solution approaches, is available to all subscribers of [sofatutor.com](https://www.sofatutor.com)

Identify the key measurements needed to find the area of an acute triangle.

Select the correct answers.



Identify the base and height of the triangle.

10 cm

7 cm

15 cm

6 cm

Base =

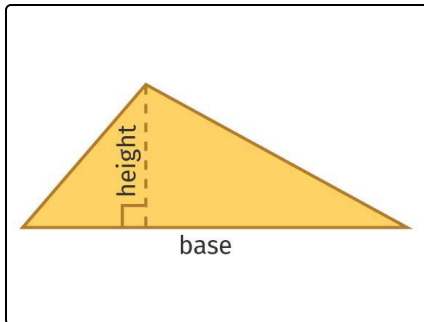
Height =

Our hints for the tasks

1
from 6

Identify the key measurements needed to find the area of an acute triangle.

1. Hint



In an acute triangle, once we choose a side as the base, the height is the line that starts from the opposite vertex and drops perpendicularly to meet the base, forming a right angle.

2. Hint

In this triangle, two sides do **not** help to find the area. Which two measurements are not important for this question?

Solutions and solution approaches for the tasks

1
from 6

Identify the key measurements needed to find the area of an acute triangle.

Answer key: 1: 15 cm // 2: 6 cm

Base = 15 cm

Height = 6 cm