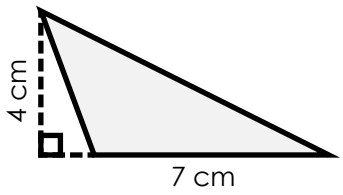
Name: _____

Area of a Triangle

To find the area of a triangle, use the formula **area= $\frac{1}{2}$ x base x height** or **A= $\frac{1}{2}$ x *b* x *h***.

example:



A= $\frac{1}{2}$ x *b* x *h*

base = 7 cm

height = 4 cm

A= $\frac{1}{2}$ x 7 cm x 4 cm

A= $\frac{1}{2}$ x 28 cm^2

A= 14 cm^2

Find the area of each triangle.

a.

b.

c.

area = _____ area = _____ area = _____

Find the area of a triangle using the base and height measurements.

g.

b = 14 meters

h = 20 meters

h.

b = 10 centimeters

h = 15 centimeters

i.

b = 7 kilometers

h = 22 kilometers

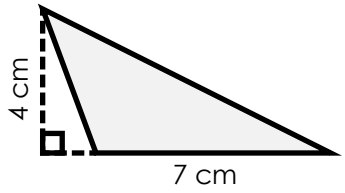
area = _____ area = _____ area = _____

ANSWER KEY

Area of a Triangle

To find the area of a triangle, use the formula **area= $\frac{1}{2}$ x base x height** or **A= $\frac{1}{2}$ x *b* x *h***.

example:



A= $\frac{1}{2}$ x *b* x *h*

base = 7 cm

height = 4 cm

A= $\frac{1}{2}$ x 7 cm x 4 cm

A= $\frac{1}{2}$ x 28 cm^2

A= 14 cm^2

Find the area of each triangle.

a. **b.** **c.**