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:

4 cm

7 cm

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.

$5\frac{1}{2}$ mm

12 mm

area = _____

b.

20 cm

22 cm

area = _____

c.

4 m

$6\frac{1}{2}$ m

area = _____

d.

12.1 km

16.4 km

area = _____

e.

24 m

11.8 m

area = _____

f.

18 cm

$18\frac{1}{3}$ cm
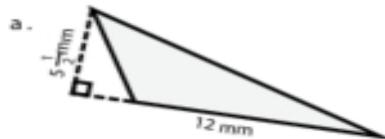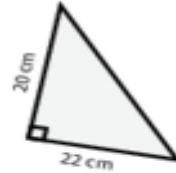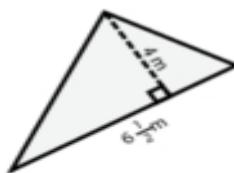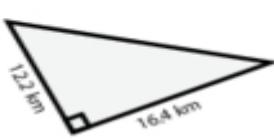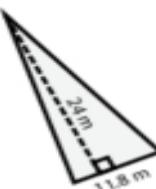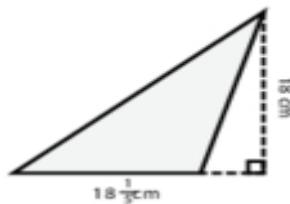
area = _____

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

g.     b = 37 millimeters
        h = 22 millimeters

area = _____

h.     b = 62.5 kilometers
        h = 20 kilometers

area = _____

i.     b = 44.6 meters
        h = 40.3 meters

area = _____