AREA OF POLYGONS REVIEW

REVIEW

Area of a Rectangle

width

length

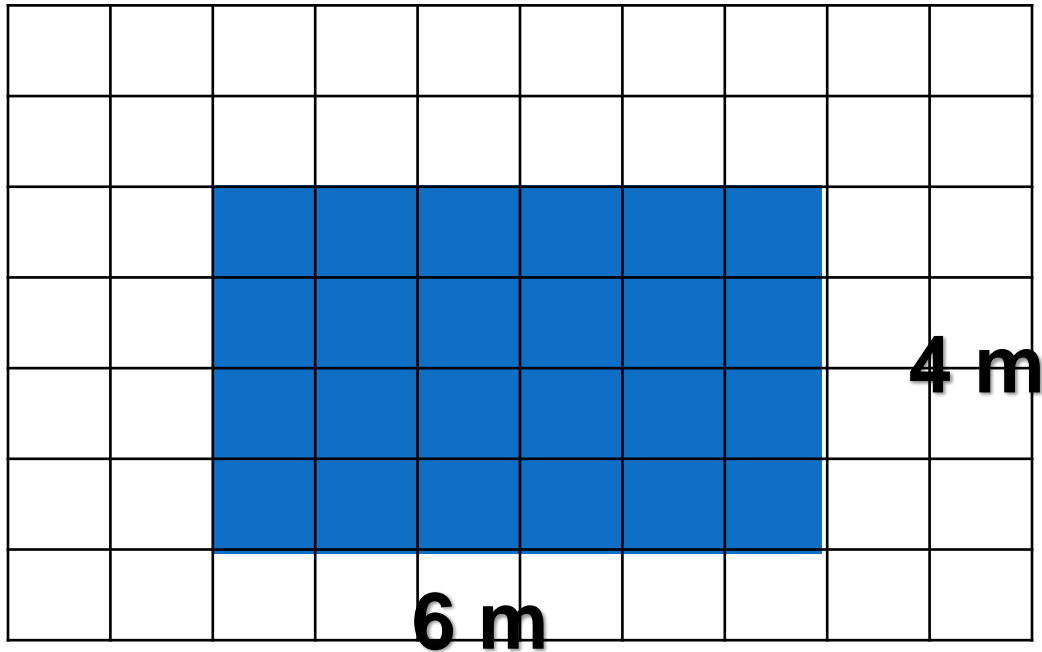height

base

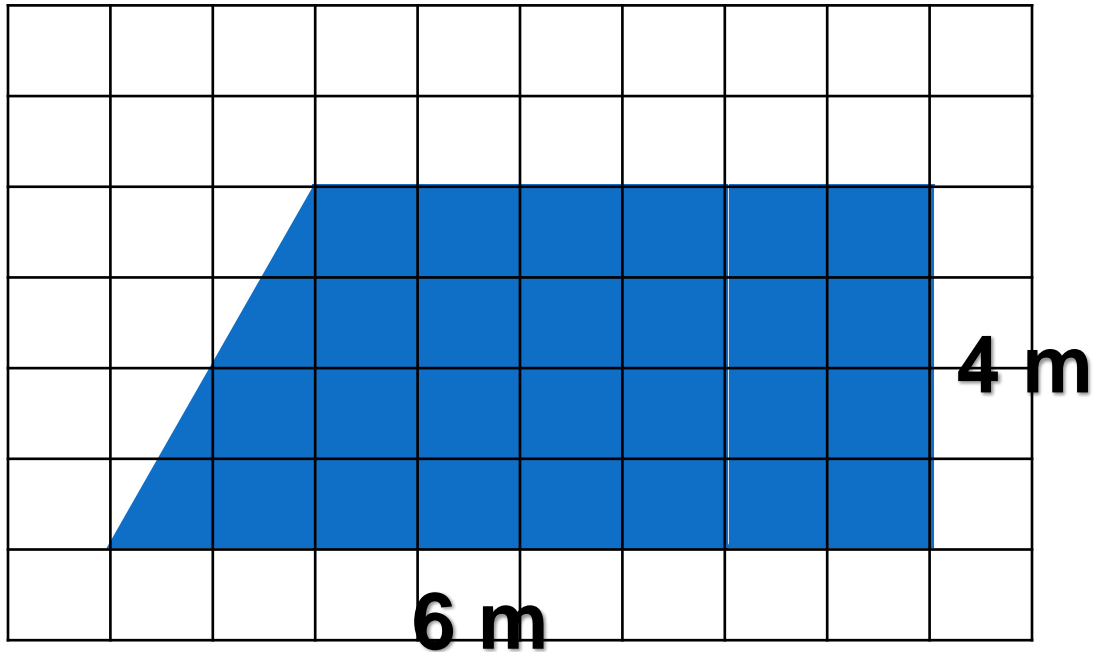# Example

Area of a Rectangle
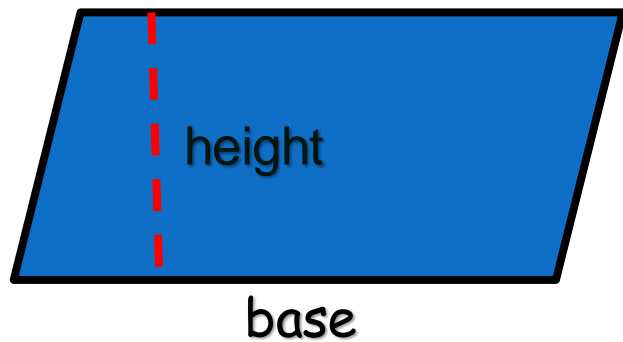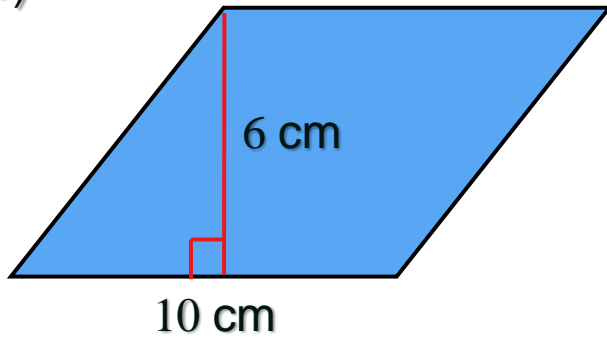

4 m

6 m

Example

Area of a Parallelogram

4 m

6 m

Area of a Parallelogram

height

base

Practice:

1)

6 cm

10 cm

2)

$1\frac{1}{5}$ cm

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

3) Make an equation and then solve for the missing value.

A = 54 cm²

h

9 cm
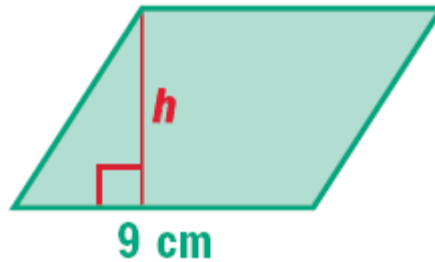
4) Make an equation and then solve for the missing value.

A = 36 mm²

4.5 mm

b

Parts of a Triangle

height

base

height

base

height
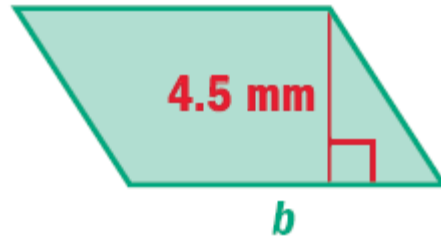
base
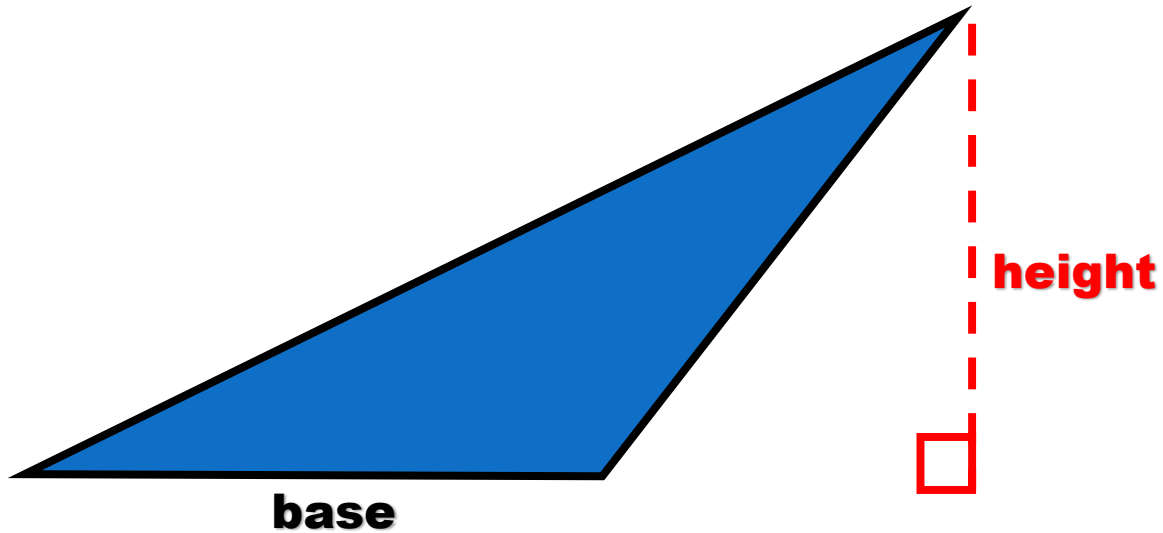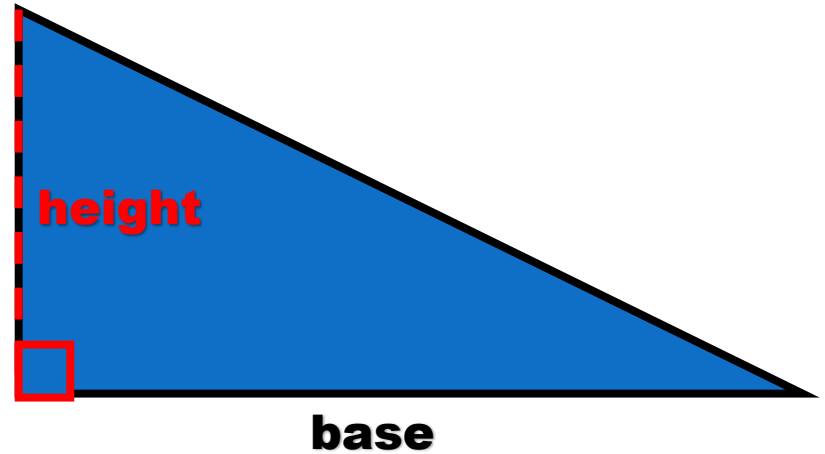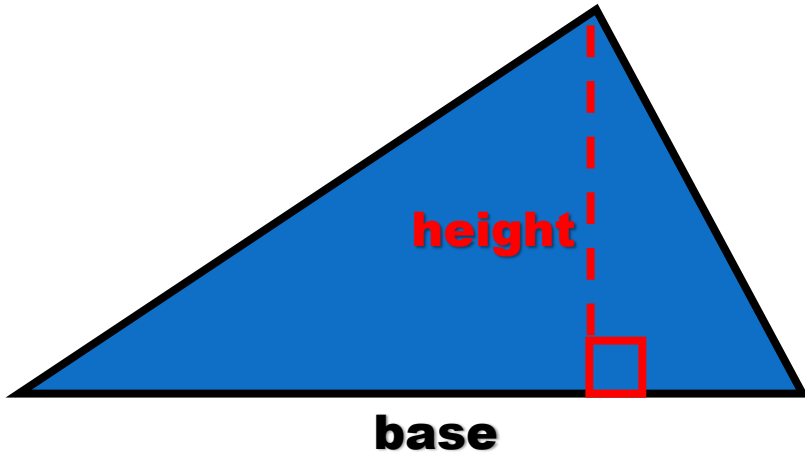
Area Formula of a Triangle

Area of Triangle =

Find the area. Show complete work.

1)

3 cm

10 cm

2)

6 cm

14 cm
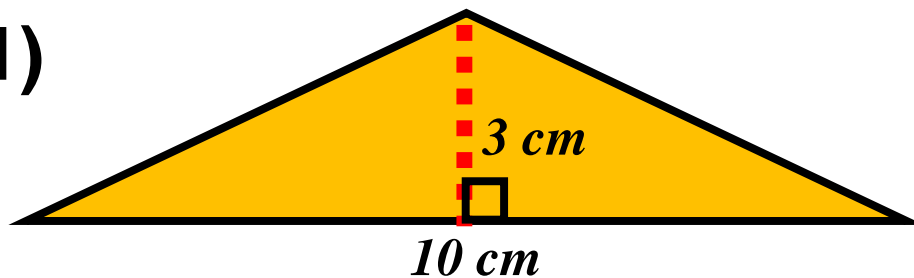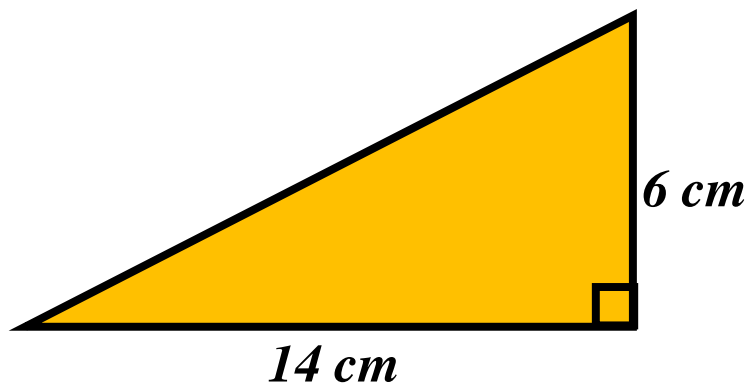
Find the area. Show complete work.

3)

5 cm

9 cm
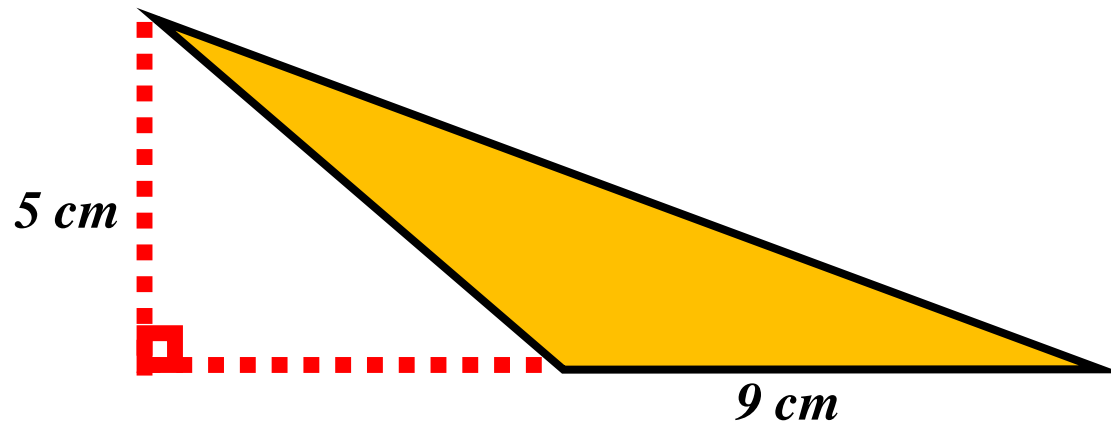
<u>Practice</u>

4) **Find the area of each parallelogram.**

a.

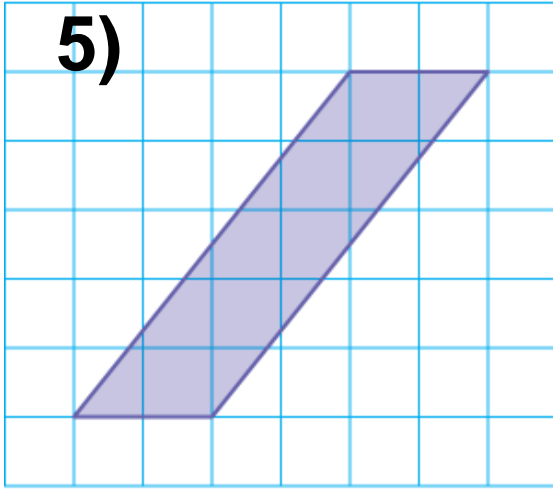
14 m

12 m

b.

$8\frac{1}{2}$ ft

4 ft
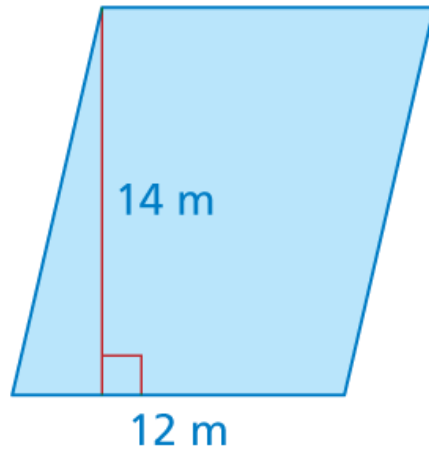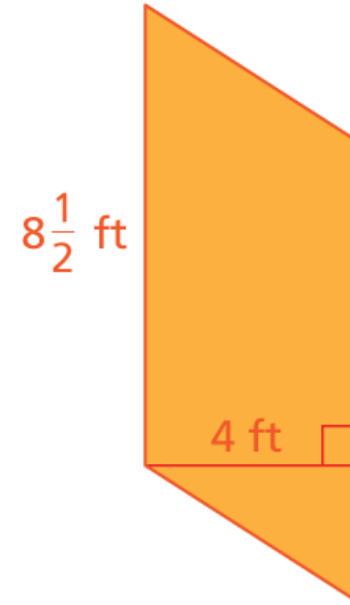
Practice

5)

Find the area of the parallelogram.

<u>Practice</u>

6) **Find the area of the triangle.**

8 in.

5 in.
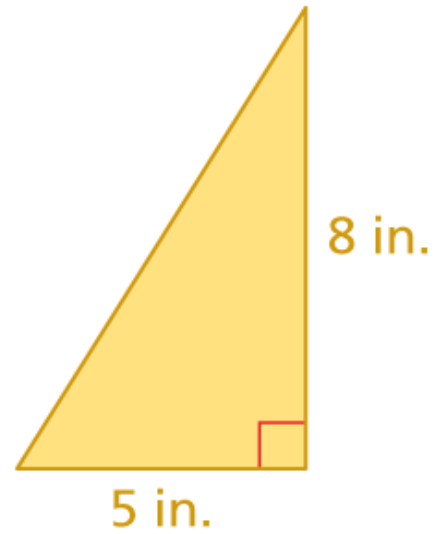
7) Find the area of the triangle.

9 m

12 m
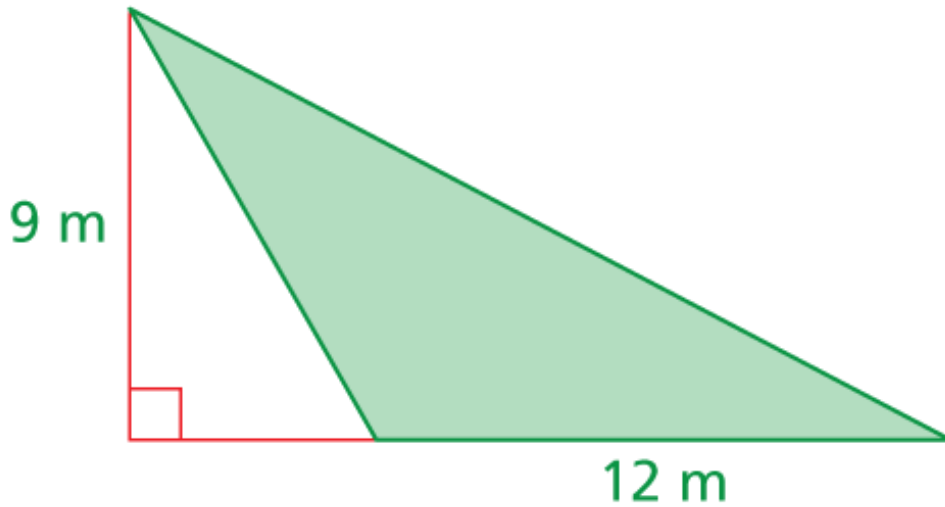
Parts of a Trapezoid

AREA FORMULA FOR A TRAPEZOID
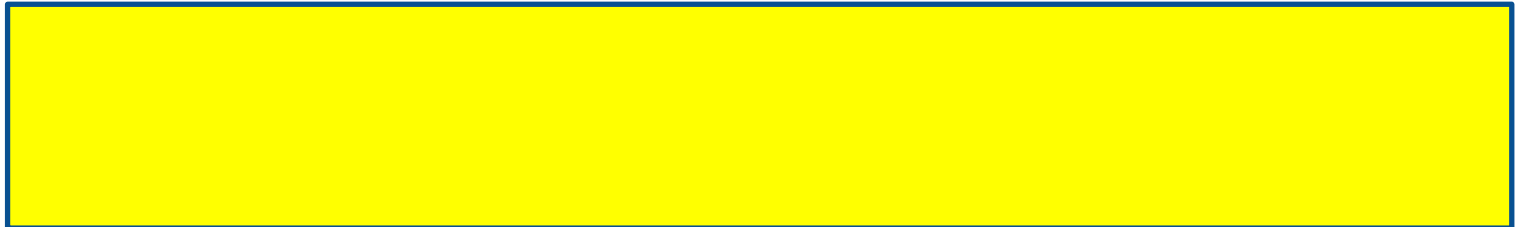
Example 1: Find the area.

7 m

8 m

11 m

Example 2: Find the area.

7 m

4 m

13 m