

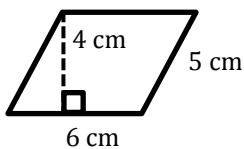
Lesson 1: The Area of Parallelograms Through Rectangle Facts

Classwork

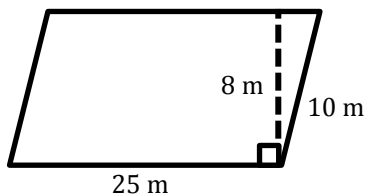
Exercises

1. Find the area of each parallelogram below. Note that the figures are not drawn to scale.

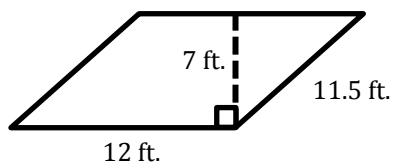
a.



b.

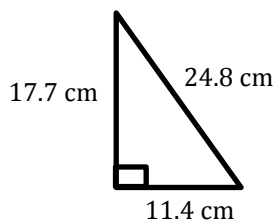


c.

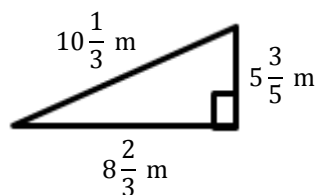


Calculate the area of each triangle below. Each figure is not drawn to scale.

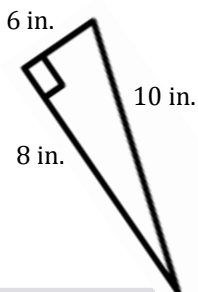
2.



4.



3.



Lesson Summary

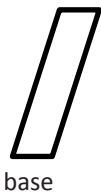
The formula to calculate the area of a parallelogram is $A = bh$, where b represents the base and h represents the height of the parallelogram.

The height of a parallelogram is the line segment perpendicular to the base. The height is usually drawn from a vertex that is opposite the base.

Problem Set

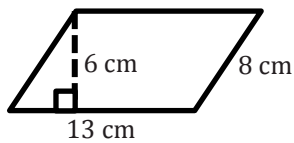
Draw and label the height of each parallelogram.

1.

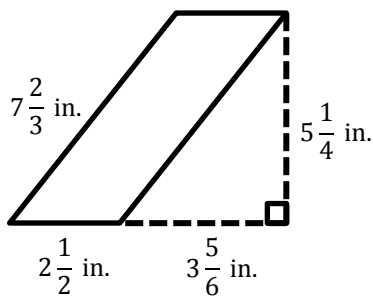


Calculate the area of each parallelogram. Note that the figures are not drawn to scale.

2.



3.



Calculate the area of the right triangle below. Note that the figures are not drawn to scale.

