

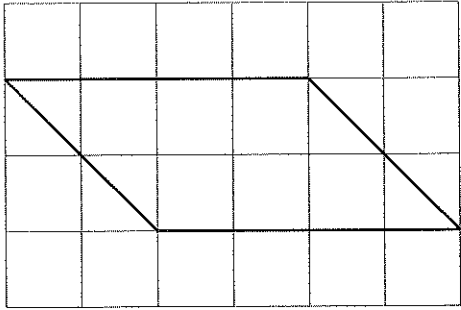
LESSON
9•6

Areas of Parallelograms



1. Cut out Parallelogram A on *Math Masters*, page 272 and form a rectangle. Do *not* cut out the shapes on this page. Tape the parallelogram to form a rectangle.

Parallelogram A



Tape your rectangle in the space below.

Base = _____ cm

Length = _____ cm

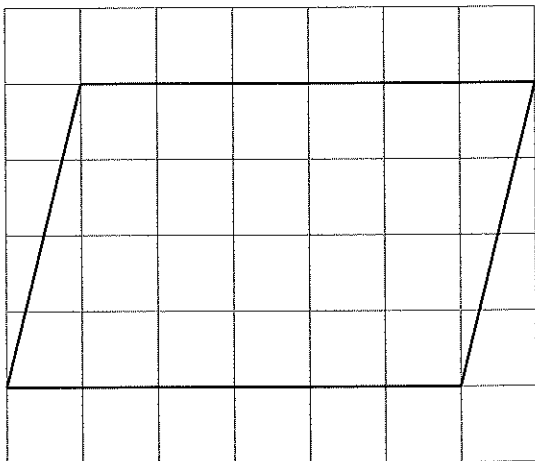
Height = _____ cm

Width = _____ cm

Area of parallelogram = _____ cm^2 Area of rectangle = _____ cm^2

2. Do the same with Parallelogram B on *Math Masters*, page 272.

Parallelogram B



Tape your rectangle in the space below.

Base = _____ cm

Length = _____ cm

Height = _____ cm

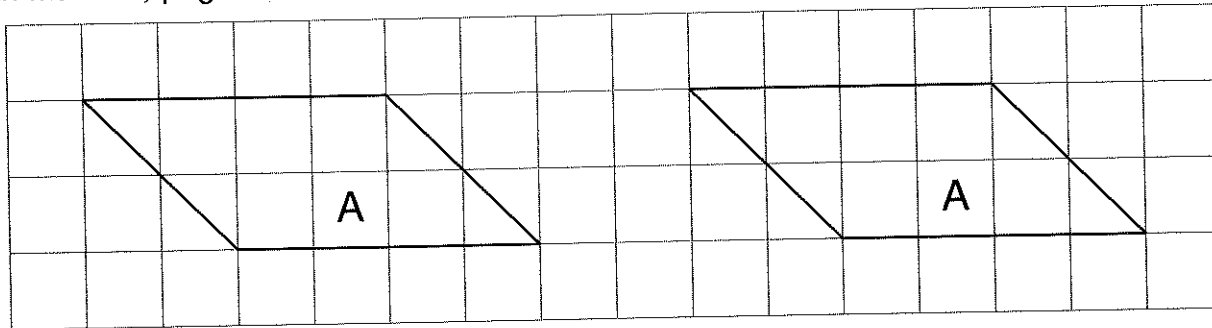
Width = _____ cm

Area of parallelogram = _____ cm^2 Area of rectangle = _____ cm^2

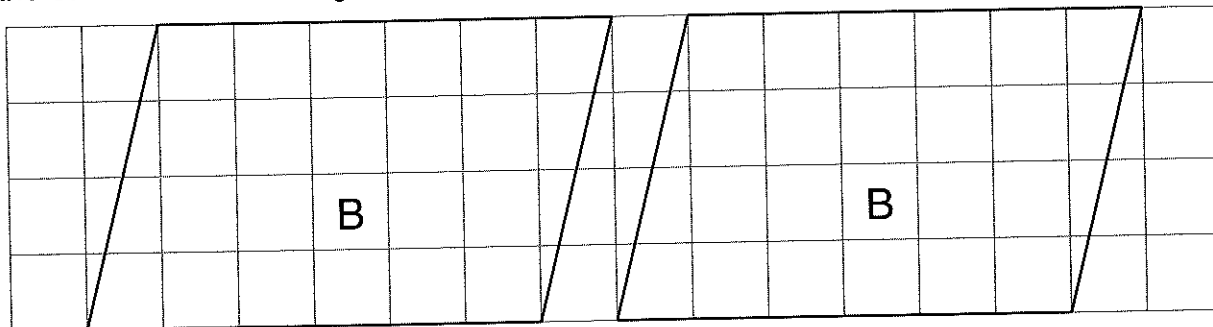
3. Write a formula for finding the area of a parallelogram.
- _____

LESSON
9•6
Areas of Parallelograms and Triangles

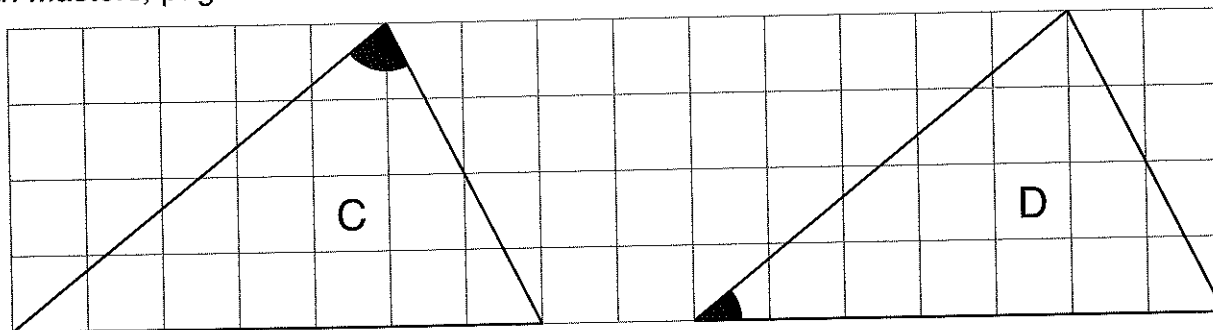

Cut out Parallelogram A. (Use the second Parallelogram A if you make a mistake.)
 Cut it into 2 pieces so that it can be made into a rectangle. Tape the rectangle on
Math Masters, page 270.



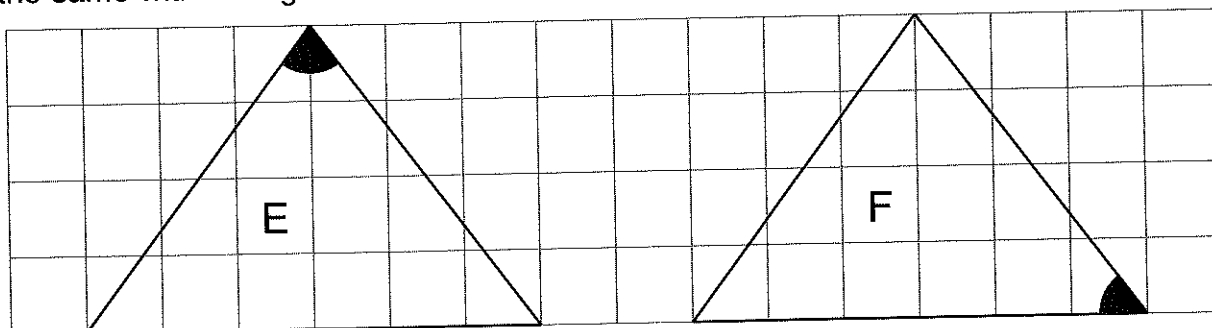
Do the same with Parallelogram B.

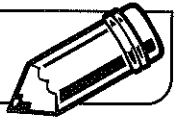


Cut out Triangles C and D. Tape them together at the shaded corners to form
 a parallelogram. Tape the parallelogram in the space next to Triangle C on
Math Masters, page 271.



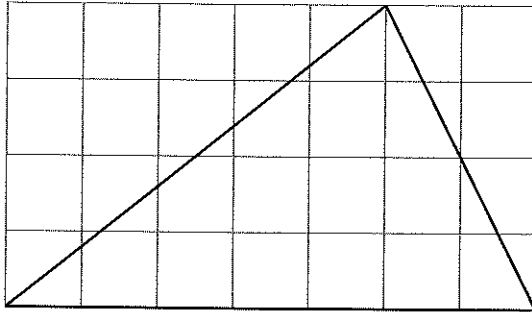
Do the same with Triangles E and F.



LESSON
9•6
Areas of Triangles and Parallelograms


1. Cut out Triangles C and D from *Math Masters*, page 272 and form a parallelogram. Do *not* cut out the shapes below. Tape the two triangles together to form a parallelogram.

Triangle C



Base = _____ cm

Height = _____ cm

Area of triangle = _____ cm²

Tape your parallelogram in this space.

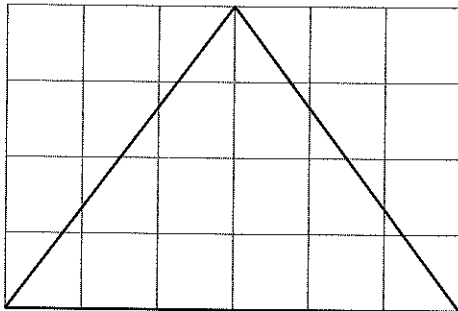
Length = _____ cm

Height = _____ cm

Area of parallelogram = _____ cm²

2. Do the same with Triangles E and F on *Math Masters*, page 272.

Triangle E



Base = _____ cm

Height = _____ cm

Area of triangle = _____ cm²

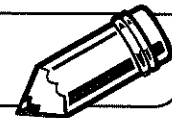
Tape your parallelogram in this space.

Base = _____ cm

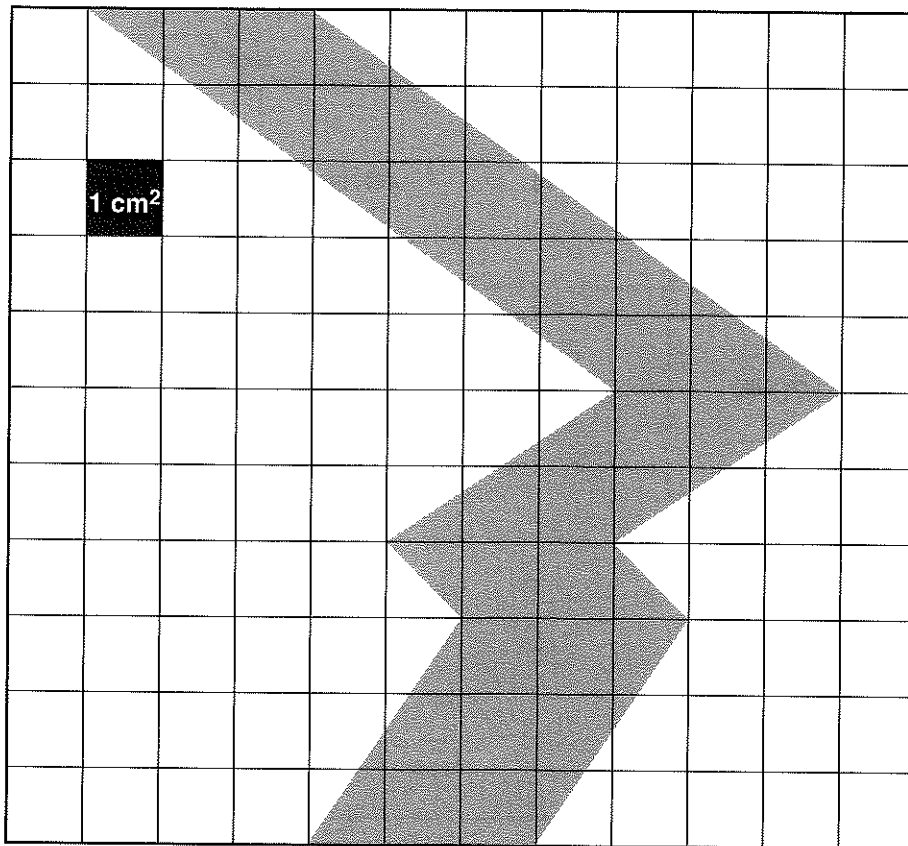
Height = _____ cm

Area of parallelogram = _____ cm²

3. Write a formula for finding the area of a triangle.
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LESSON
9•6**Calculating Area**

1. Determine the area of the shaded path on the grid below.



The area of the path is about _____ cm².

2. Describe the strategy that you used to calculate the area of the path.
