Area of Parallelograms

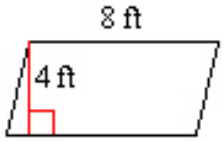
polygon parallelogram area

Formulas:

Rectangle	Parallelogram	Square
A=	A=	A=

Steps:

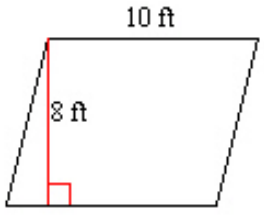
1. Write the _____.
2. Substitute.
3. _____!



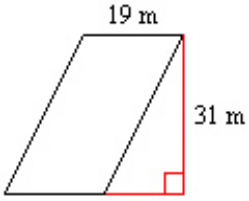
** The height is the distance from the top to the bottom and is connected by a right angle!

Together:

1.

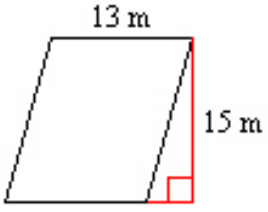


2.

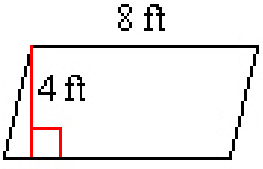


Pause and TRY:

1.



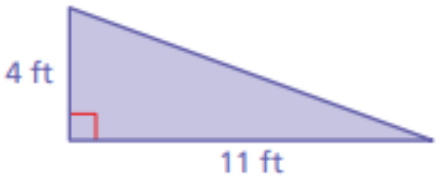
2.

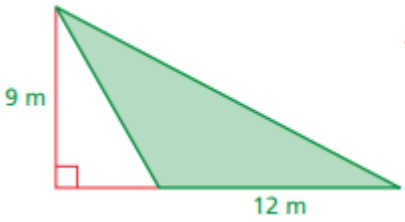


Area of Triangles

triangle

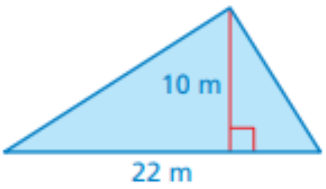
Formula





Steps:

1. Write the _____.
2. Substitute.
3. _____!

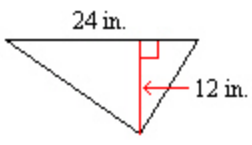


Together: Find the area of the following triangles:

1.

A = _____

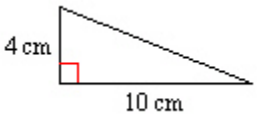
2.



A = _____

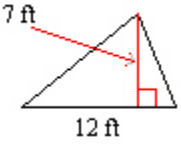
Pause and TRY:

1.



A = _____

2.



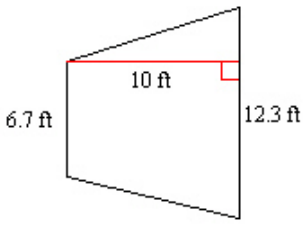
A = _____

Area of Trapezoids

trapezoid

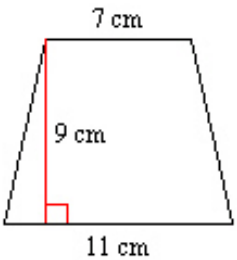
Together: Find the area of the following triangles:

1.



A = _____

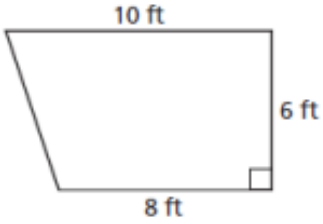
2.



A = _____

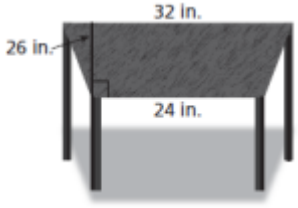
Pause and TRY:

1.



A = _____

2.



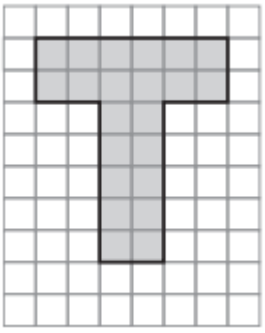
A = _____

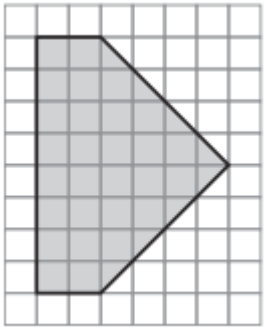
Area of Composite Figures

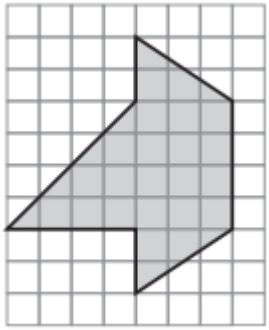
composite figure

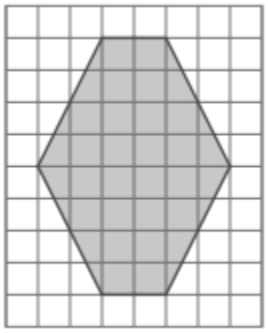
Steps:

1. _____the composite figure into smaller _____.
   Look for _____you already know how to find.
2. Find the _____of those shapes.
3. _____them together.



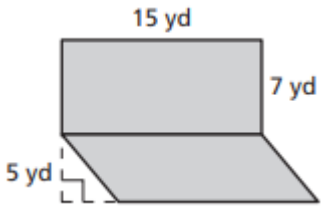






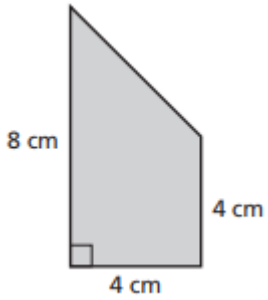
Together: Find the area of the following figures:

1.



A = _____

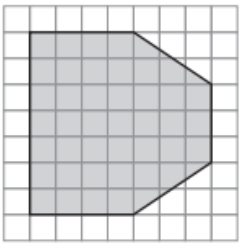
2.



A = _____

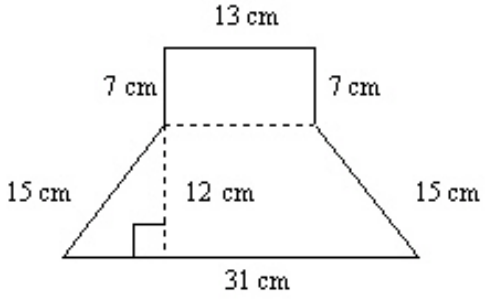
Pause and TRY:

1.



A = _____

2.



A = _____

Polygons in the Coordinate Plane

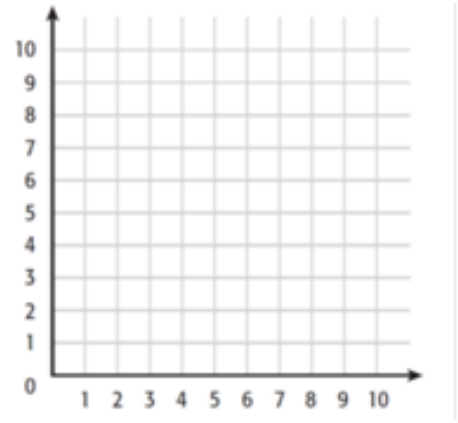
coordinate plane

vertex (vertices)

Steps:

1. _____ and _____ the vertices.
2. _____ the points to form a _____.

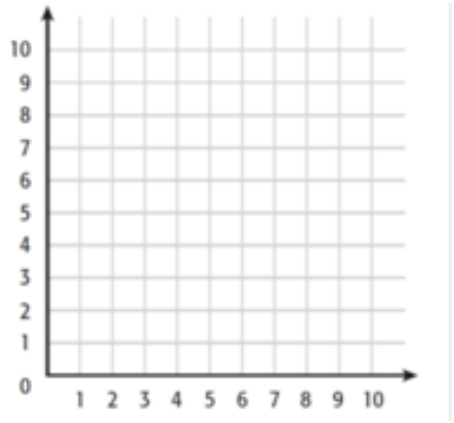
1. J(1,2), K(7,2), L(7,8), M(1,8)



perimeter: _____

area: _____

2. G (0,4), H(0,6), J(9,6), K(9,4)

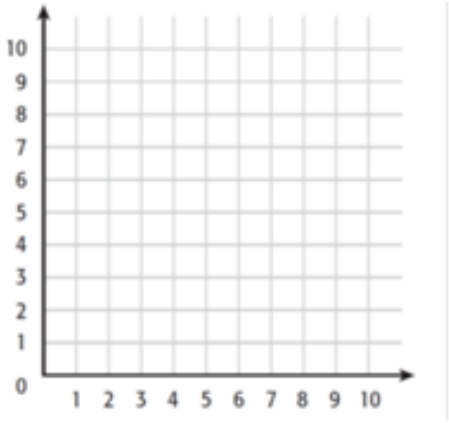


perimeter: _____

area: _____

Pause and Try:

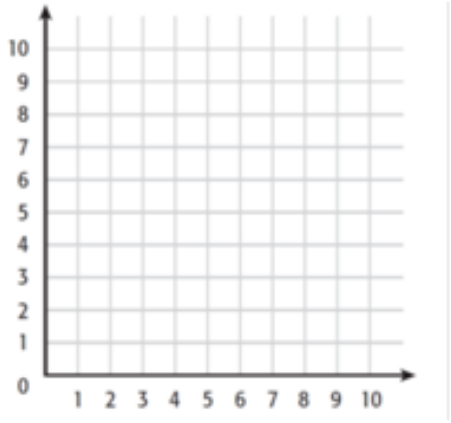
1. N(0,2), P(5,2), Q(5,5), R(0,5)



perimeter: _____

area: _____

2. C (1,1), D (1,4), E (4,4), F(4,1)



perimeter: _____

area: _____