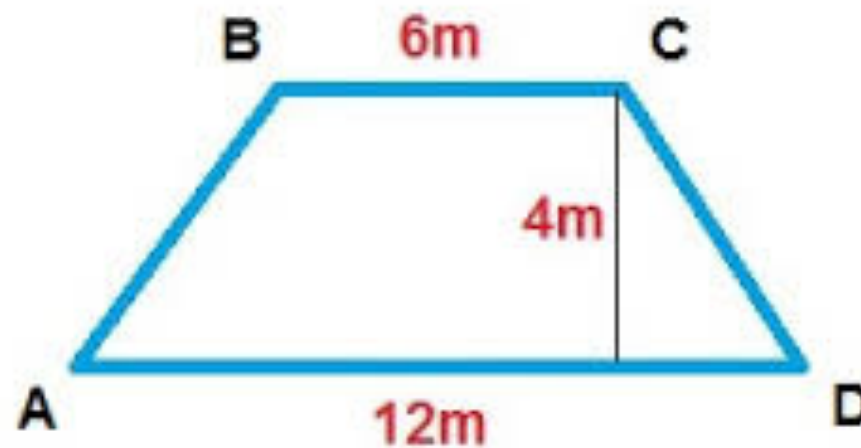# Daily Review
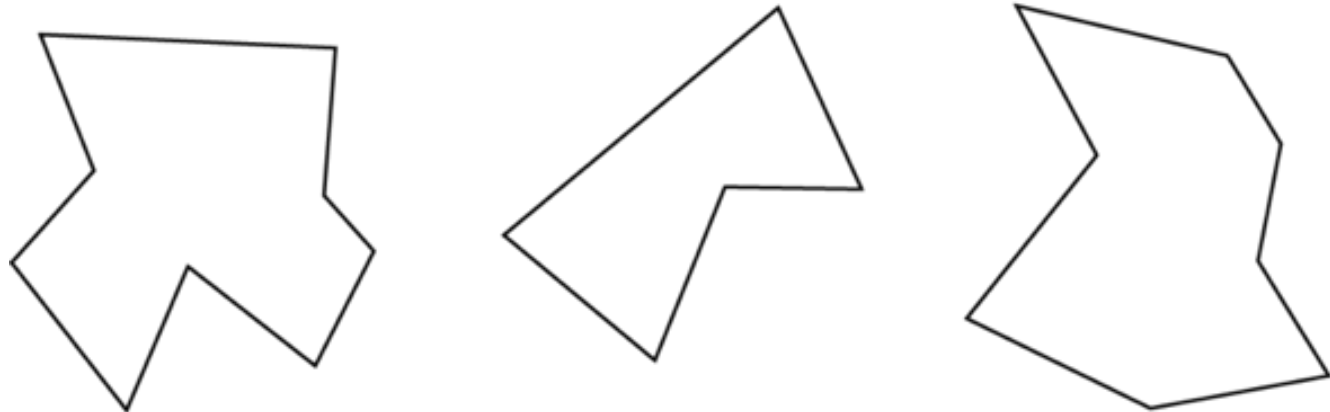
- What is the area for volume of a rectangular prism?
- Solve and graph: 2+x>5
- What is the area of a triangle with a base of 3 inches and a height of 4 inches?
- Find the area of the following trapezoid.

Area of Composite Figures

- Composite figures- Figures made up of multiple shapes
- Polygons- Multi-sided figure
- Today, we are concerned with finding the area of figures that are not just simple squares, triangles, etc.
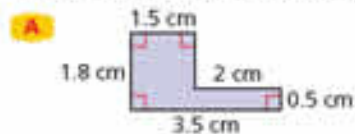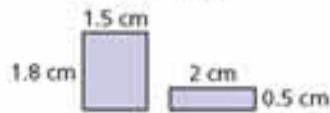
Irregular Polygons

Area of Composite Figures

- The key to finding the area of composite figures is to break the figure up.
- Find shapes you do know how to find the area of, then add.

Finding Areas of Composite Figures

Find the area of each polygon.

A   1.5 cm

1.8 cm   2 cm

0.5 cm

3.5 cm

Think: Break the polygon apart into rectangles.

1.5 cm

1.8 cm   2 cm

0.5 cm

Find the area of each rectangle.

$A = \ell w$ $A = \ell w$ *Write the formula for the area of a rectangle.*
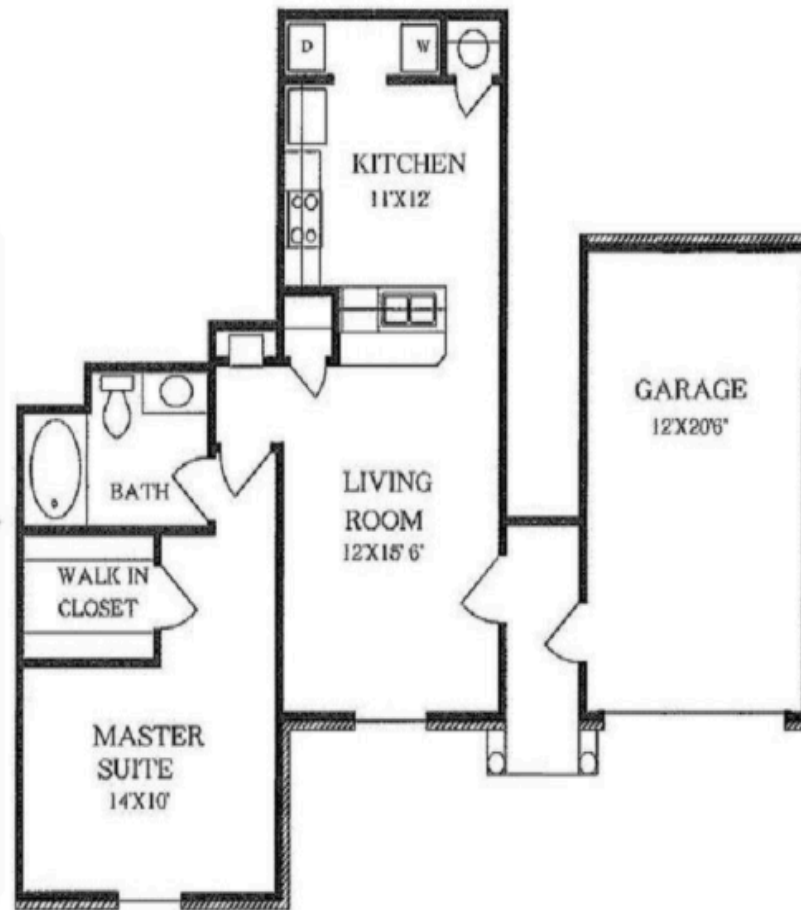
$A = 1.8 \cdot 1.5$ $A = 2 \cdot 0.5$
$A = 2.7$ $A = 1$

$2.7 + 1 = 3.7$ *Add to find the total area.*

The area of the polygon is 3.7 cm².

Real Life

Worksheet

Quizzizz

Reminders

Study Guide due Wednesday

Worksheet due tomorrow