

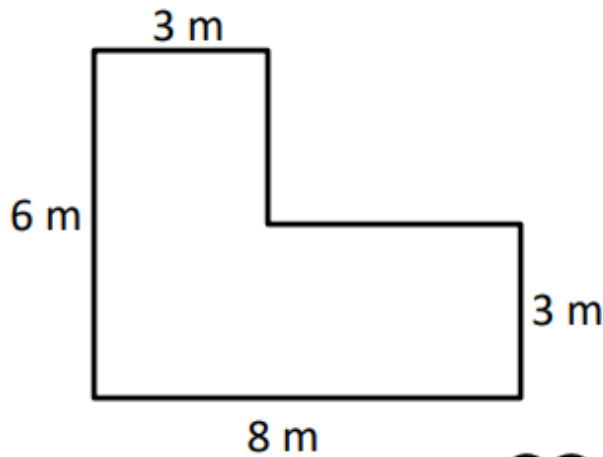
Name _____ Date _____

Area of Composite Shapes

A **composite shape** is made up of two or more shapes.

To find the area, **decompose** the shape. That's a fancy way of saying, "Break it into smaller parts."

Let's try one together.



Just follow these steps to solve!



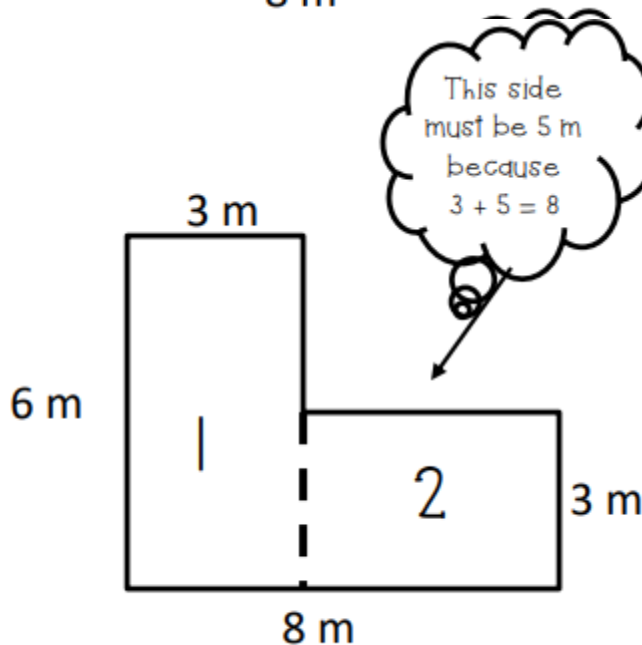
1. Break the shape into two smaller rectangles.

2. Find the area of rectangle 1.
 $6\text{ m} \times 3\text{ m} = 18\text{ sq. m.}$

3. Find the area of rectangle 2.
 $3\text{ m} \times 5\text{ m} = 15\text{ sq. m.}$

4. Now add the area of the two rectangles together.
 $18\text{ sq. m} + 15\text{ sq. m} = 33\text{ sq. m.}$

The area is 33 sq. m

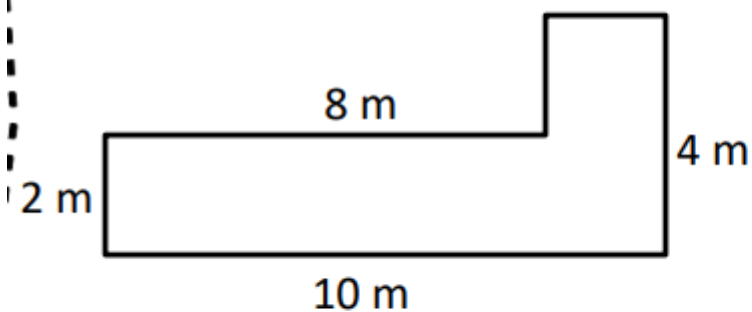


Find the area of the composite shapes. Wait...what does composite mean?

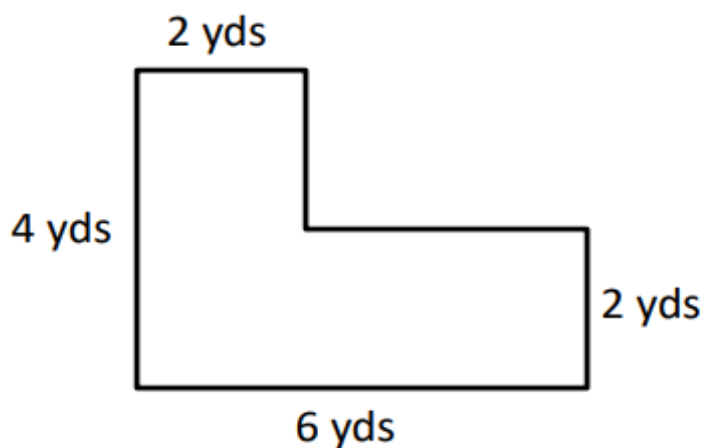


Ok, good! Now, find the area of the following shapes.

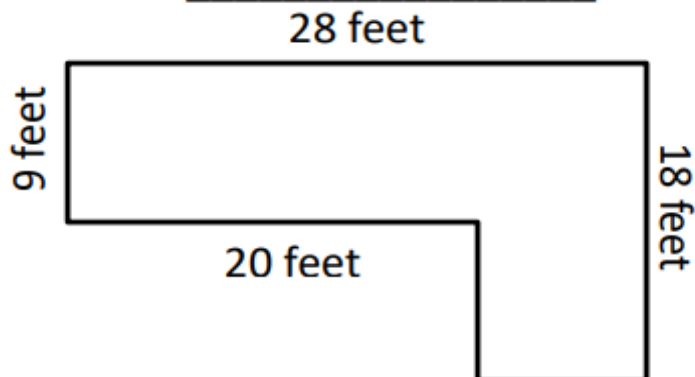
1. area= _____



2. area= _____



3. area= _____



Work space!

A large empty rectangular box for working on the area problems.