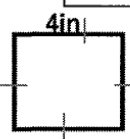
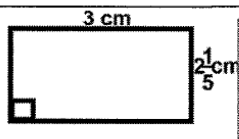
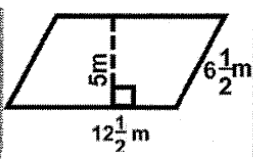
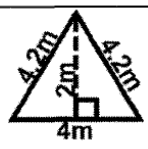
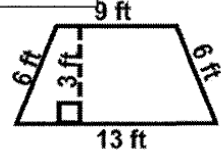


Pre-Algebra

Aim: How can we find the area and perimeter of composite figures?

Do Now: Review of area and perimeter

Calculating Perimeter:		Calculating Area:	
Line 1: Show the addition of the sides.	Line 2: Box and label answer.	Line 1: Write formula	Line 2: Substitute in.
Line 3: Box and label answer.		Line 3: Box and label answer.	

				
Area:	Area:	Area:	Area:	Area:
Perimeter:	Perimeter:	Perimeter:	Perimeter:	Perimeter:

Working Backwards

In each problem, write the Area formula. Substitute the values given and use your equation rules to solve for the missing variable.

1. Find the height of a parallelogram if the base is 3.75in and the area is 25 sq. in. (hint: $A = bh$)

2. Find the height of a triangle if the base is $6\frac{1}{5}$ cm and the area is 93cm^2 (hint: $A = \frac{bh}{2}$)

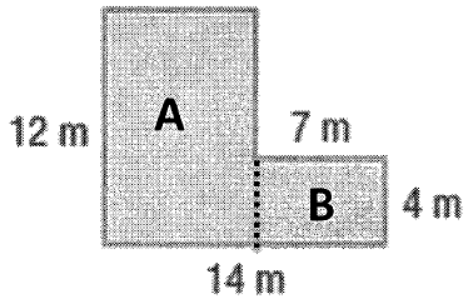
3. The length of a rectangular parking lot at the airport is $\frac{2}{3}$ miles. If the area is $\frac{1}{2}$ square miles, what is the width of the parking lot? (hint: $A = lw$)

Composite Figures

Composite Figures:

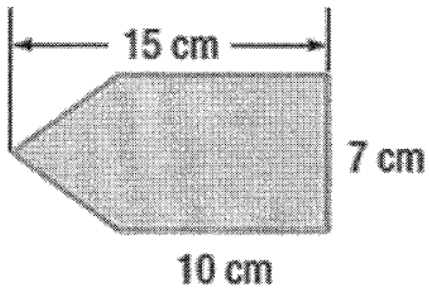
Find the area of each composite figure by dividing the figure into two or more simple shapes. The first one is divided for you.

A.



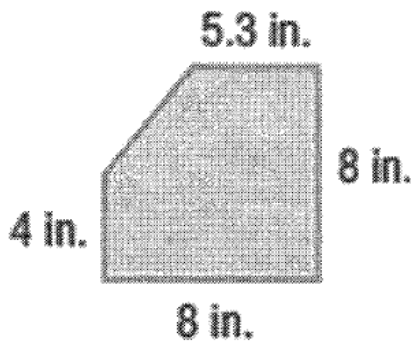
Area of Shape A + Area of Shape B

B.



Area of Shape A + Area of Shape B

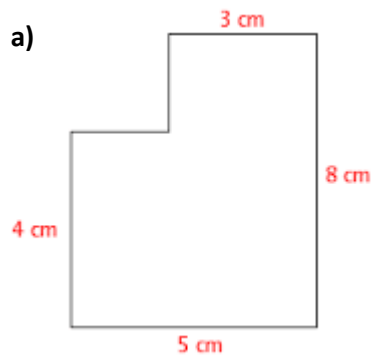
C.



Area of Shape A + Area of Shape B

Find the perimeter of each composite figure by finding all the sides of the figure and adding them up

a)



b)

