Name_____ **Per** _____

Mrs. Doolan/Math6

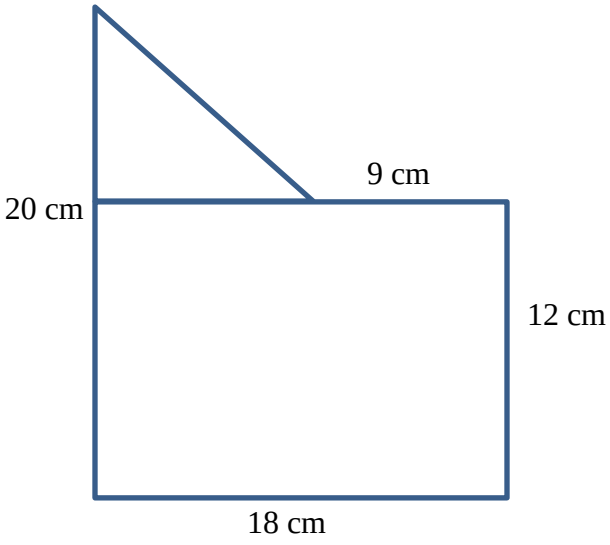
Area of Compound Figures

Objective: You've learned how to find the area of common figures: squares, rectangles, parallelograms, triangles, and circles. Now you will learn how to find the area of compound figures.

Compound figure: a two dimensional figure made up of two or more common figures.

Hint: The area of compound figures can be found by breaking the figure into two or more common figures.

Ex. #1: Solve for total area of the compound figure:

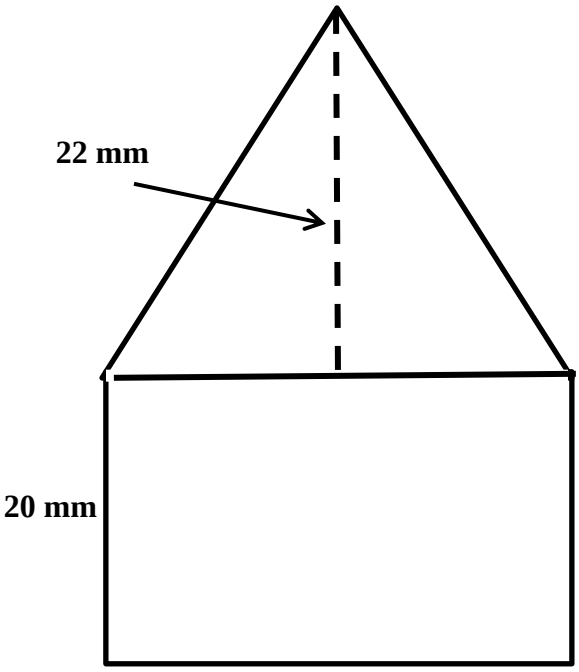


Area 1:

Area 2:

Total Area: _____ + _____ =

Ex #2: **Solve for total area of the compound figure:**

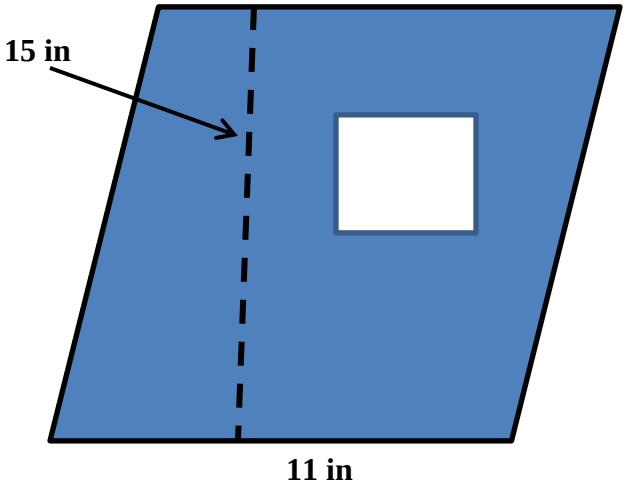


Area 1:

Area 2:

Total Area: _____ + _____ = _____

Ex #3: **Find the area of the shaded region. The side length of the square is 3.2 in:**



Area 1:

Area 2:

Solve for Shaded Area: _____ - _____ = _____