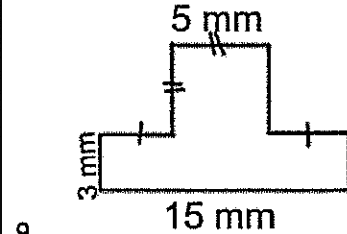
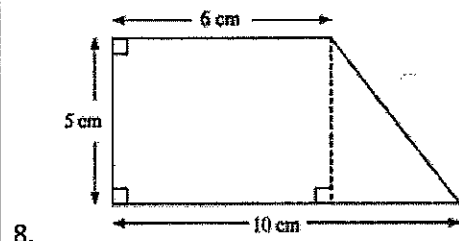
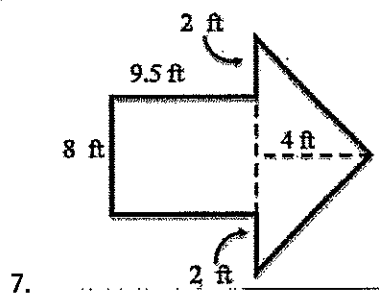
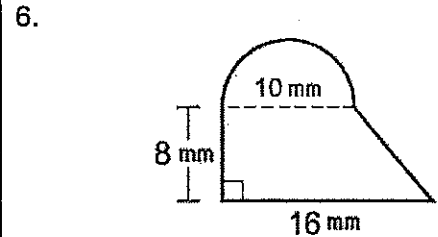
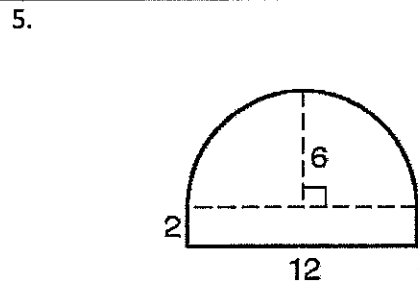
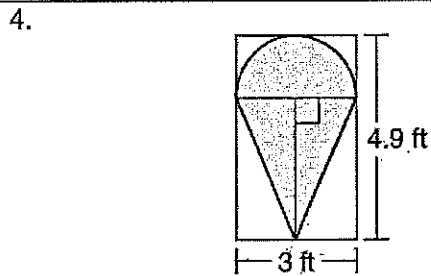
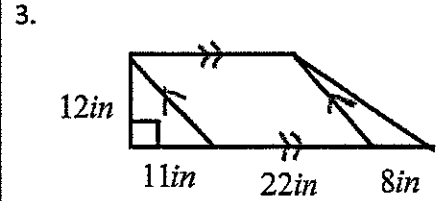
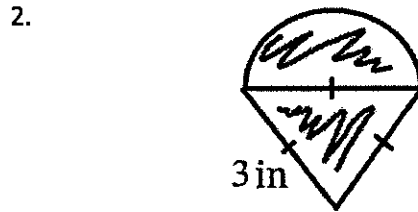
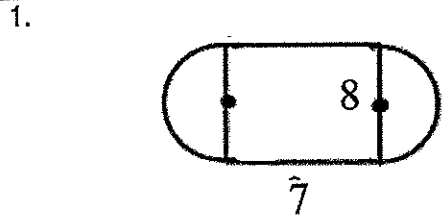


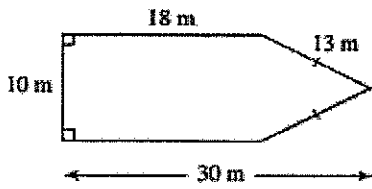
# HW Packet – 2D Area

## Day 6.3 – Composite Shapes: Break Up + Make Up

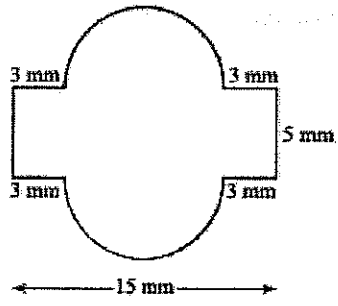
Directions: Find the area of the each entire shape shown



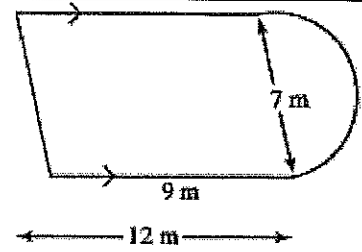
10.



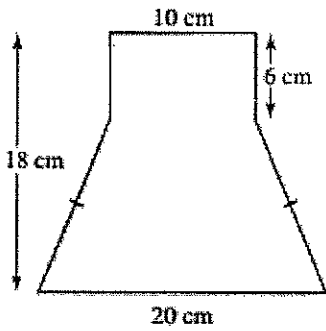
11.



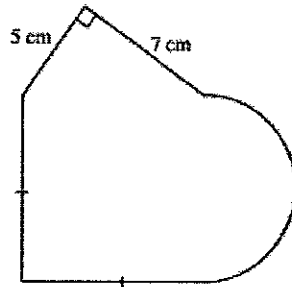
12.



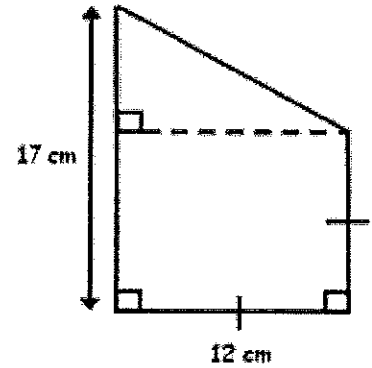
13.



14.

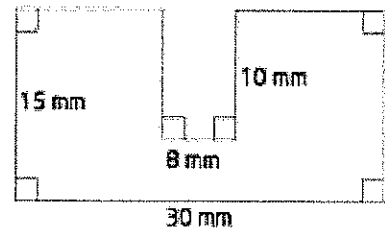
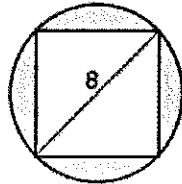
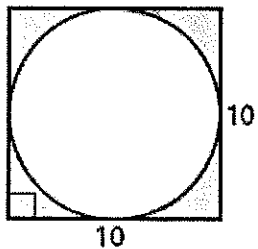


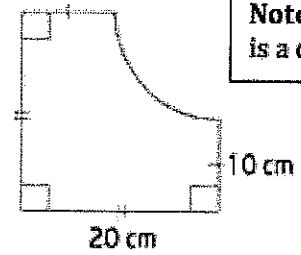
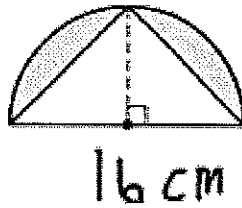
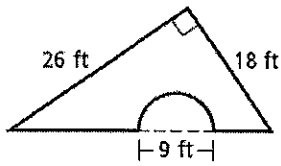
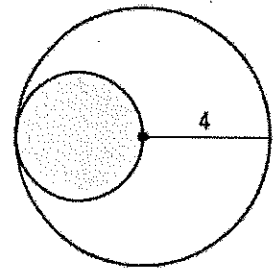
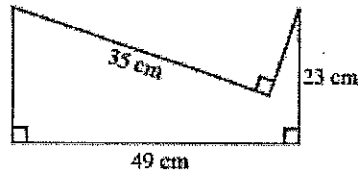
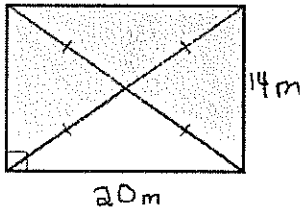
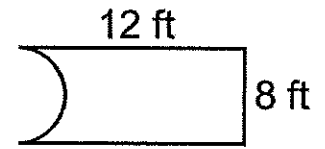
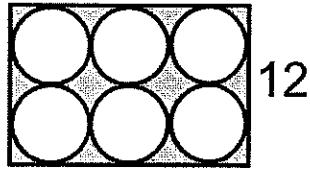
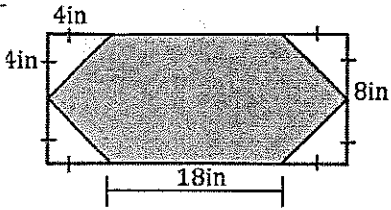
15.



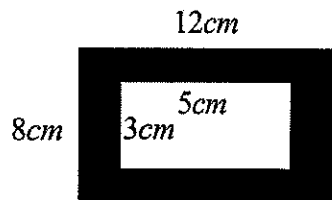
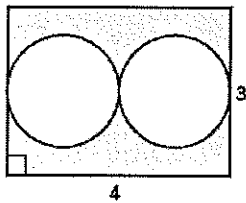
## Day 6.4 – Composite Shapes: A Whole – A hole

Directions: Find the area of the shaded region





Note: the cut-out is a quarter circle

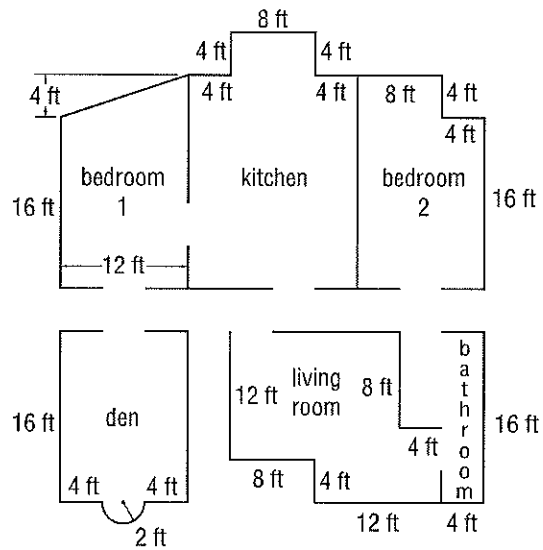


# 11-6

## Word Problem Practice

### Area of Composite Figures

**ARCHITECTURE** For Exercises 1–6 use Jaco’s preliminary design of his vacation house at the right. Round to the nearest tenth if necessary.



<p>1. What type of figure is bedroom 1? Find the area of bedroom 1.</p>	<p>2. What is the area of the bedroom 2? What figures did you use to find the area?</p>
<p>3. What is the area of the bathroom? What are the dimensions of the figures you used to find this area?</p>	<p>4. What is the area of the living room? How many figures did you use to find this area?</p>
<p>5. What is the area of the den? What would the area of the den be if the semicircular window were removed and replaced with a flat window?</p>	<p>6. What is the area of the kitchen? If Jaco adds a rectangular cooking island in the middle of the kitchen with dimensions 6 feet by 4 feet, how many square feet of space will be left?</p>

Copyright © Glencoe/McGraw-Hill, a division of The McGraw-Hill Companies, Inc.

**Lesson 11-6**