

Section 10.4 Area and Circumference

Read Section 10.4 thoroughly, and note all of the Area formulas provided (found in the green rectangles)

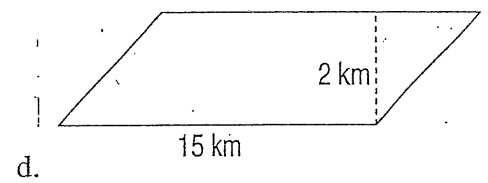
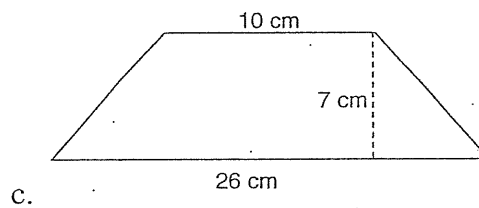
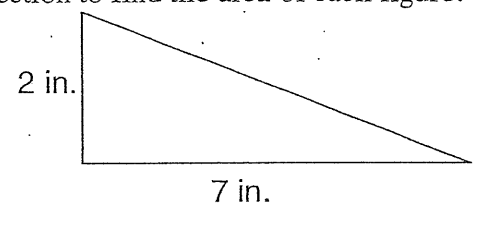
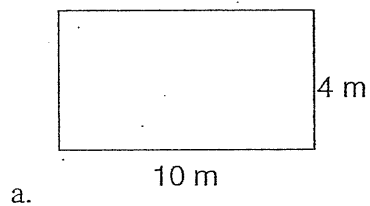
Be prepared to discuss your work.

Pg. 559 Read Example 1, then complete Checkpoint 1.

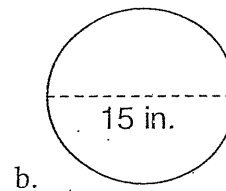
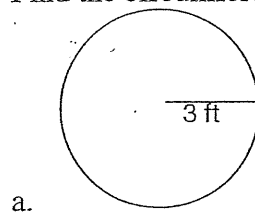
Pg. 560 Checkpoint 2.

Examples

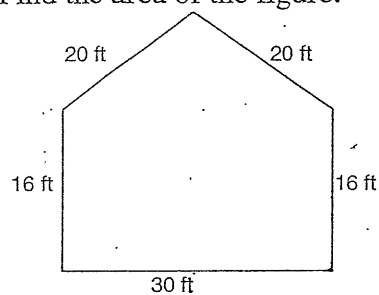
1. Use the formulas developed in this section to find the area of each figure.



2. Find the circumference and area of the circle. Express it in terms of  $\pi$ .



3. Find the area of the figure:



4. Find the area of the shaded region:

