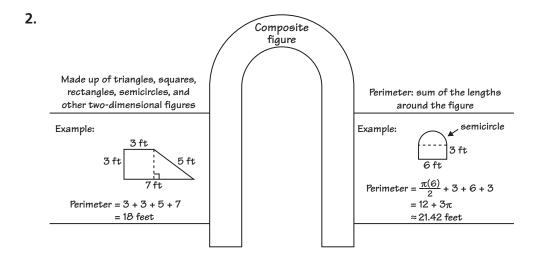
Chapter 8 Circles and Area

Word Magnet

1–5. Sample answers are given.

1. Semicircle C = one-half the circumference of a circle with a diameter of d $= \frac{\pi d}{2}$ $= \frac{\pi d}{2}$ Perimeter = one-half circumference + diameter = $\frac{\pi d}{2} + d$



3. Perimeter Measured in linear units, such Distance around a figure as feet The perimeter of a circle is Sum of the lengths around figure called its circumference. Example: Example: semicircles 5ft 5ft Perimeter = $\pi(5) + 5 + 5$ Perimeter = 5(5) $= 10 + 5\pi$ = 25 centimeters ≈ 25.7 feet

Chapter 8 (continued)

