Unit 7 L1: Polygons :OB: Identify and name Polygons
(Section 1.6) :OB: Identify and name Polygons
(Find the perimeter/circumference, and area of 2
dimensional figures.

polygon: a closed figure made up of segments(sides)The sides intersect only at the endpoints. (vertices)

polygons: not polygons:

IF the figure is a polygon - extend each side. convex \_\_\_\_: extended sides do NOT go

inside polygon

<u>concave</u>: extended sides <u>do</u> go inside

polygon

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(Section 1.6) dimensional figures.

Polygons are classified by the number of sides they

have:

triangle

quadrilateral

pentagon

6 hexagon

heptagon

octagon

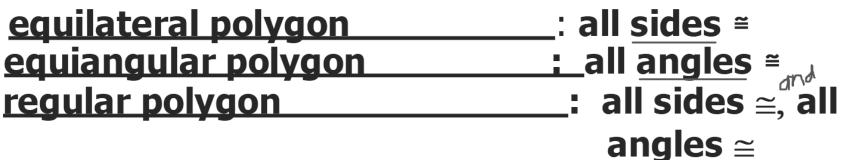
nonagon

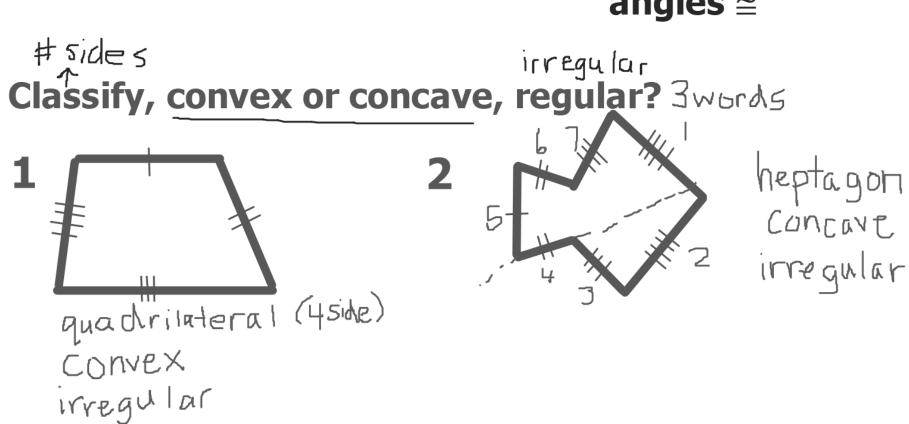
10 decagon

12 dodecagon

n-gon n

\*\*\*\*MEMORIZE THESE





:OB: Identify and name Polygons
Find the perimeter/circumference, and area of 2 **Unit 7 L1: Polygons** (Section 1.6)

dimensional figures.

perimeter: distance around a polygon(sum of the side lengths)

Circumference of a Circle: Is the distance around the circle. It is like the "perimeter."

area of a figure: Is the number of square units needed to cover a surface.

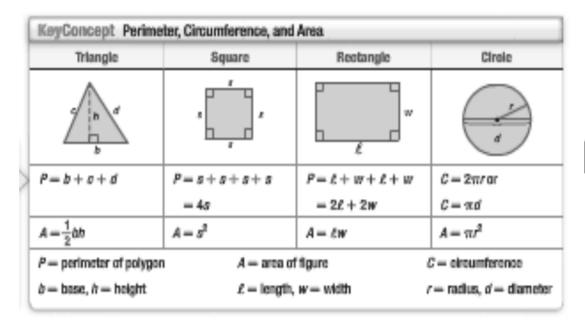


Chart on p.

**58** 

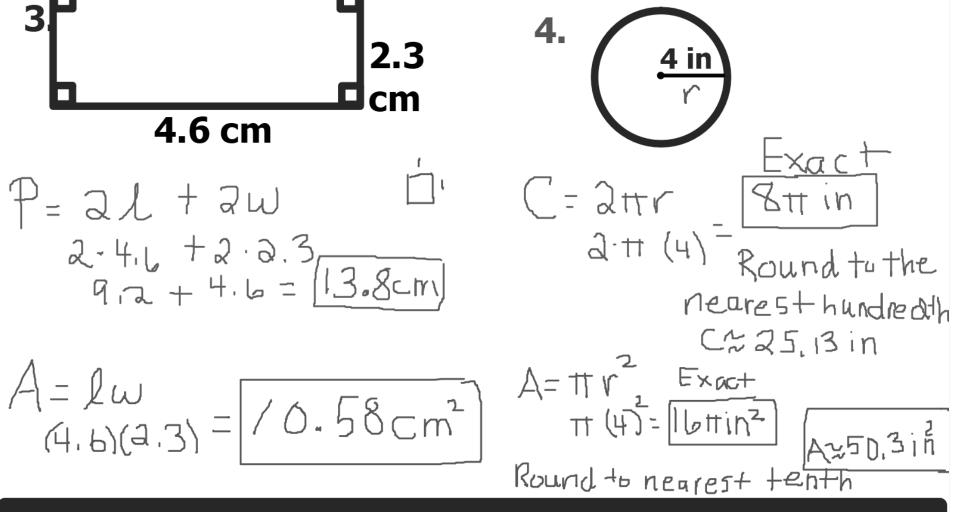
of your book.

(Section 1.6)

Unit 7 L1: Polygons :OBJ Identify and name Polygons
Find the perimeter/circumference, and area of 2 dimensional figures.

## Find the perimeter or circumference and the area of each figure.





Unit 7 L1: Polygons (Section 1.6)

:OB: Identify and name Polygons
Find the perimeter/circumference, and area of 2 dimensional figures.