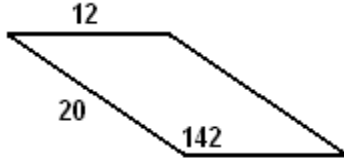


Note: You may use decimals on the problems that do not specifically say EXACT form.

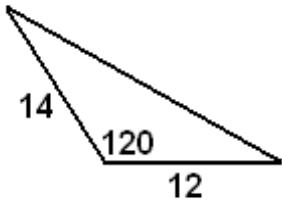
- 1.) Find the area and perimeter of the parallelogram. [6 Points]



Area = _____

Perimeter = _____

- 2.) Find the area and perimeter of the triangle below. [EXACT Form!!] [8 Points]
NO DECIMALS

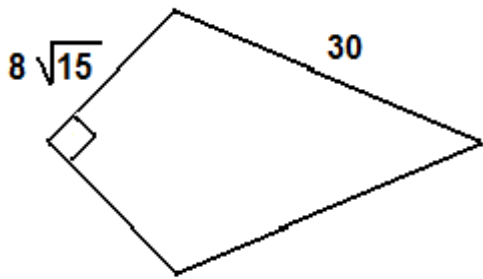


Area = _____

Perimeter = _____

- 3.) Find the area and perimeter of the kite below. [EXACT Form!!]
NO DECIMALS

[15 Points]



Area = _____

Perimeter = _____

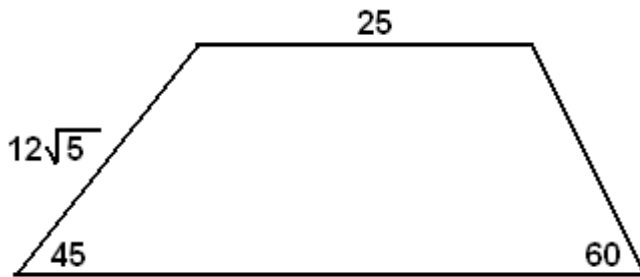
- 4.) How many complete revolutions would a 28 inch diameter tire on a bicycle complete during a 12 mile bike ride?

[10 Points]

Complete Revolutions = _____

- 5.) Find the area and perimeter of the trapezoid. [EXACT Form!!]
NO DECIMALS

[15 Points]

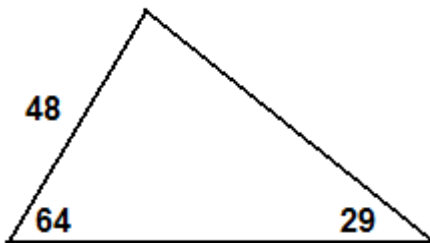


Area = _____

Perimeter = _____

- 6.) Find the area of the triangle.

[10 Points]



Area = _____

7.) Find the length of the arc.

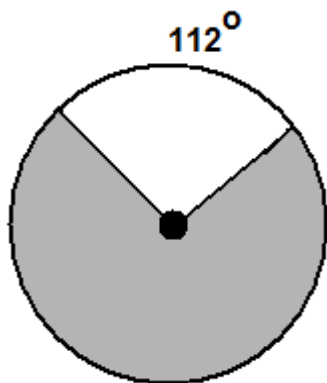
[5 Points]



Arc Length = _____

8.) Given the shaded area below is 730, find the length of the radius of the circle.

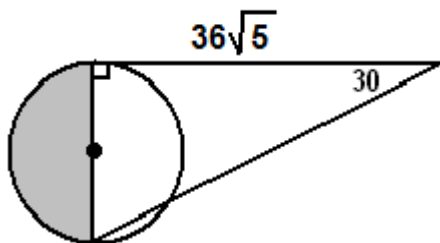
[6 Points]



Radius = _____

9.) Find the shaded area in the figure below. [EXACT Form!!]
NO DECIMALS

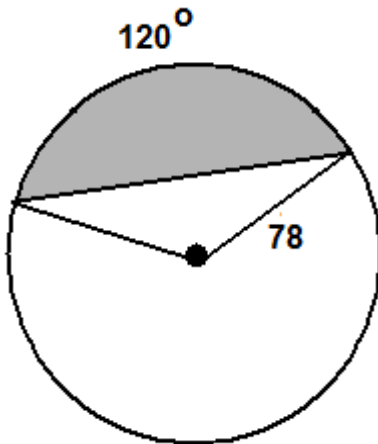
[10 Points]



Shaded Area = _____

- 10.) Find the area of the shaded region below. [EXACT Form!!]
NO DECIMALS

[10 Points]



Shaded Area = _____

- 11.) A triangle has side lengths of 8, 14, and 11.
Classify this triangle as acute, right, or obtuse.

[5 Points]

You must show convincing work for full credit

Classification: _____

Bonus.

[5 Points]

Find the **EXACT** shaded area of the figure below.

[It involves a rectangle with three congruent circles fitting inside perfectly.]

NO DECIMALS

Area of Overall Rectangle = 1500

