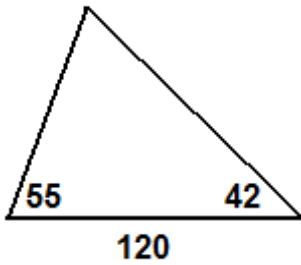


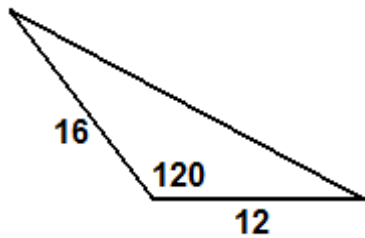
CP Geometry: Unit 6 (Area / Perimeter) Review Jeopardy

Triangles

5.) Area and Perimeter

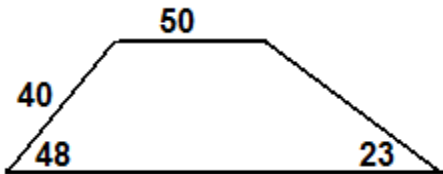


6.) Area and Perimeter (EXACT)

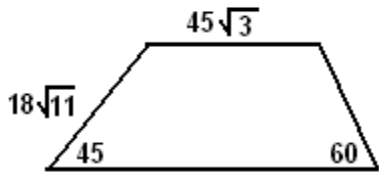


Trapezoids

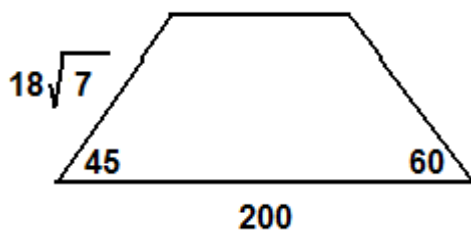
4.) Area and Perimeter



5.) Area and Perimeter (EXACT)

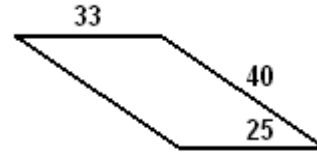


6.) Area and Perimeter (EXACT)



P-grams / Rhombus

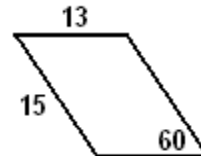
4.) Area and Perimeter



P-gram

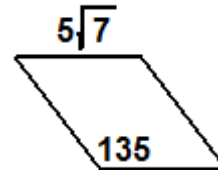
5.) Area and Perimeter – EXACT

P-gram



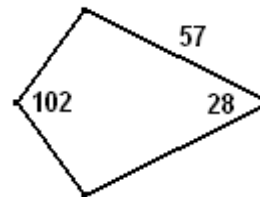
6.) Area and Perimeter – EXACT

Rhombus

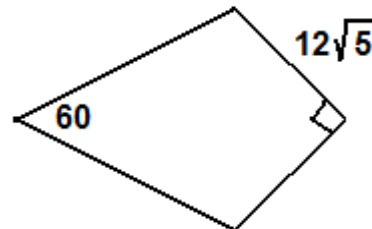


Kites

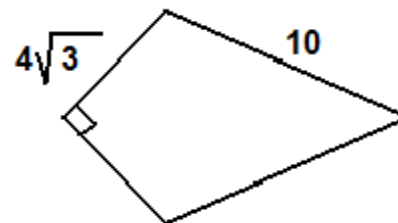
4.) Area and Perimeter



5.) Area and Perimeter (EXACT)

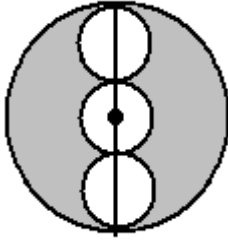


6.) Area and Perimeter (EXACT)

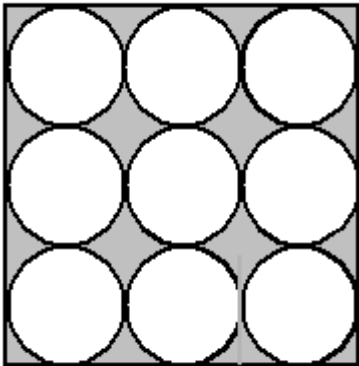


Circles

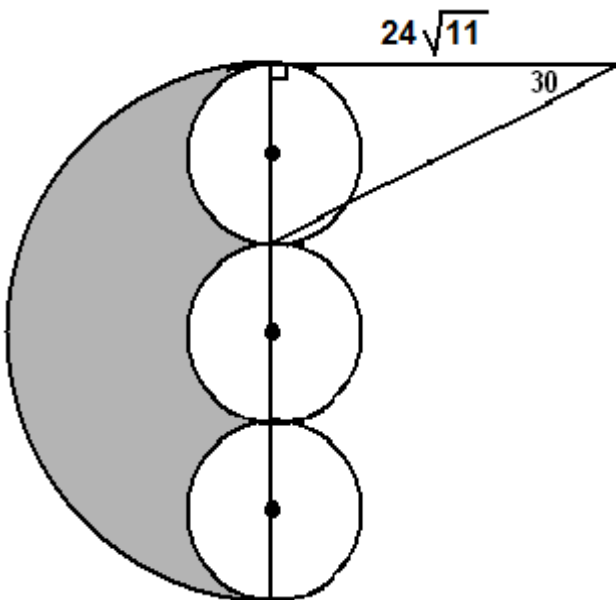
- 4.) Area of Full Circle = 144π
Find the shaded area (EXACT)



- 5.) Area of Full Square = 360
Find the shaded area (EXACT)



- 6.) EXACT Shaded Area

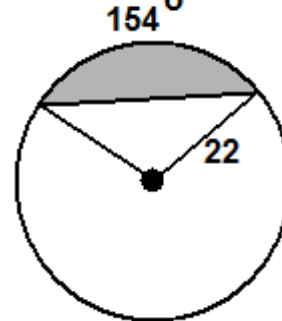


Fractions of Circles

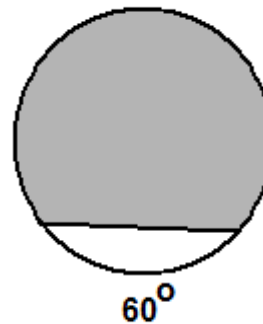
- 4.) Find the arc length.



- 5.) Find the shaded area.



- 6.) EXACT shaded area.
Area of Full Circle = 121π



Applications

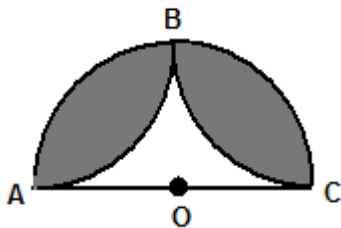
- 4.) Which is the better buy: a 10" diameter pizza for \$4.99 or a 16" diameter pizza for \$11.99?
- 5.) How many rotations would a 25" diameter bicycle wheel make on a 7 mile bike ride?
- 6.) A company sells a 12" diameter pizza for \$8.99. How much should they sell an 18" diameter pizza for if they want it to be the same pricing per area?

Regular Polygons

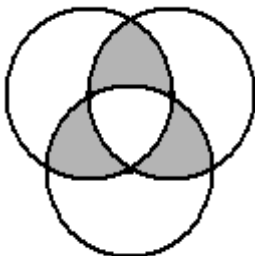
- 3.) Find the EXACT area of a regular hexagon with a side length of $10\sqrt{2}$.
- 4.) Find the EXACT area of a regular octagon with a side length of $10\sqrt{3}$.
- 5.) Find the area of a regular 7-gon with a side length of 20 cm.
- 6.) A regular 25-gon is enclosed by a circumscribed circle of area 1000. What is the amount of area between the polygon and the circle?

Fun Areas!

- 6.) $AC = 20$
Find the EXACT shaded area involving a semicircle and congruent arcs.

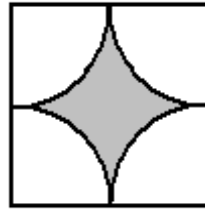


- 8.) Each of the three congruent circles has a radius of 6 and passes through the centers of the other two. Find the EXACT shaded area.



Probability

- 5.) Area of Square = 2010



- 6.) Side Length of Regular Polygon = 22 cm.

