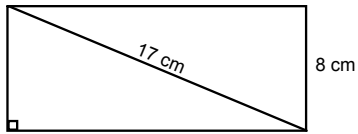
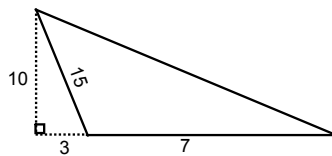


1.) Find the area of the rectangle:



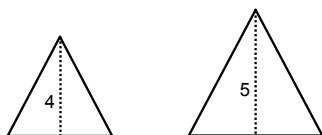
2.) Find the area of a square with a perimeter of 36 meters

3.) Find the area of the triangle:

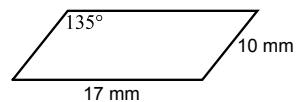


4.) Find the area of an equilateral triangle with side length of 8 inches.

5.) Find the ratio of the areas of the following similar triangles:

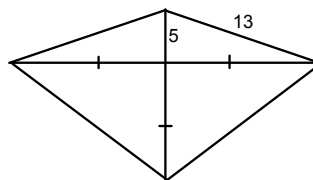


6.) Find the area and perimeter of the following parallelogram:



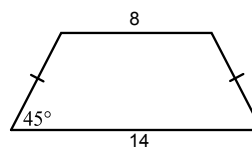
7.) A rhombus has a perimeter of 80m and the length of 1 diagonal is 24 m. Find the area of the rhombus.

8.) Find the area of the following kite:



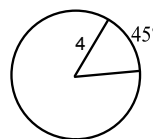
- 9.) The bases of a trapezoid are 8 and 22.
The trapezoid's area is 135. Find the height.

- 10.) Find the area of the following trapezoid:

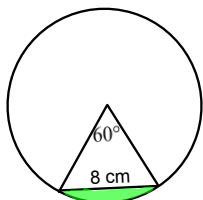


- 11.) If the area of a circle is 60π and the area of a sector of that circle is 24π , what is the measure of that sector's arc?

- 12.) Find the area of the sector:



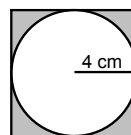
13.) Find the area of the shaded segment:



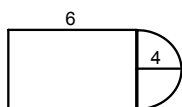
14.) If a regular octagon with 3cm sides has an area of 60 sq cm, what is the length of the apothem?

15.) What is the area of a regular hexagon with a side length of 16 inches?

16.) Find the area of the shaded region:

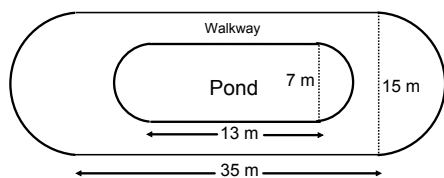


17.) Find the total area of the figure:

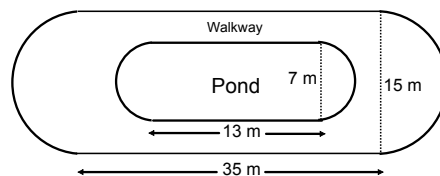


18.) A rectangular poster measures 42 in by 26 in. A frame shop fitted the poster with an half-inch mat border. Find the area of the mat border.

19.) One of the displays at a botanical garden is a koi pond with a walkway around it. Find the area of the koi pond.



20.) One of the displays at a botanical garden is a koi pond with a walkway around it. Find the area of the walkway.



Things to work on for tomorrow and Thursday:

- Green Review Sheet (due Tomorrow)
- Probability Worksheet from Yesterday (due Tomorrow)
- Blue Review Sheet from Today (due Thursday)
- Around the Room questions (due Thursday)
- Quiz Corrections (not for a grade, but for your benefit and understanding)
- Test is Thursday (you will need to know the formulas, they are not provided for you)