Weekly 13 Geometry Name _____

MONDAY

1. $8y = 5(3y - 9) + 2y$

   y = _____

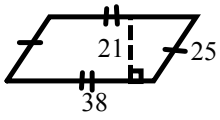
2. If the table represents a proportional relationship find the missing value, and write an equation after identifying the constant of proportionality.

x	2	5	6
y	12	30	

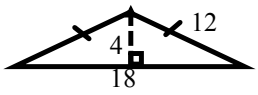
Equation _____ C of P _____ Missing Value _____

3. A circle has a radius of 9.4.
   Diameter = _____
   Circumference = _____
   Area = _____

4. Area = _____
   Perimeter = _____
   Classify _____

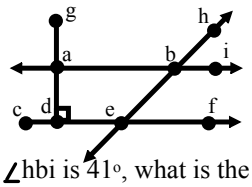


5. Area = _____
   Perimeter = _____
   Classify _____ and _____



6. If the circumference of a circle is 50.24 units.
   Find the radius _____ diameter_____and area _____.

Use this diagram for 7-10.



7. If the m ∠hbi is 41°, what is the measure of ∠abe? _____ These two angles are called _____ angles.

8. Since the m∠hbi is 41°, what is the measure of ∠hba? _____ These two angles are called _____ angles and also called _____ angles.

9. $\overline{gd}$ is said to be _____ to $\overrightarrow{cf}$.

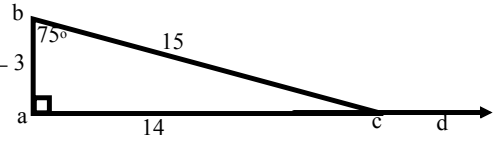
10. ∠deb is said to be _____ to ∠abh which makes them _____.

TUESDAY

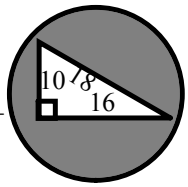
1. _____ Write an equation for a proportional equation going through (-3, 5)

2. _____ $\frac{7}{6h} = \frac{10}{3h+1}$

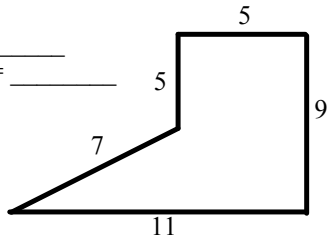
3. Area = _____
   Perimeter = _____
   m ∠acb = _____
   m ∠acd = _____



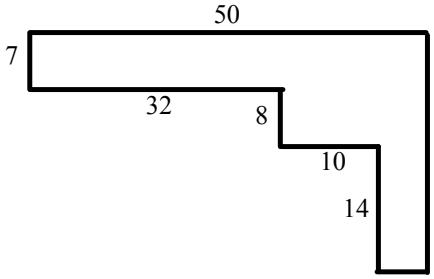
4. Area of the shaded region if the circle has a diameter of 20 = _____



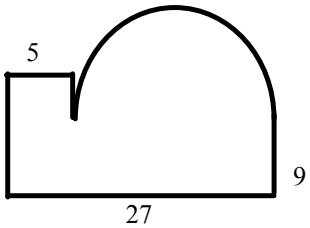
5. Area = _____
   Perimeter = _____



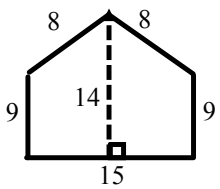
6. Area = _____
   Perimeter = _____



7. Area = _____
   Perimeter = _____



8. Area = _____
   Perimeter = _____



9. Two angles of a triangle measure 45° and 62°. What is the measure of the 3rd angle? _____
   Now classify the triangle. It is _____ and _____.

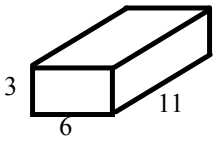
10. Fill in the symbols for parallel _____ , perpendicular _____, congruent _____, angle _____, and ray _____.

WEDNESDAY

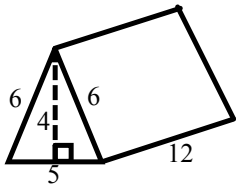
1. _____ How much will a $27.50 meal cost after a 15% tip is added?

2. _____ $4 - 2(5+ 4 \times 5) - \frac{2 + 5 \times 2}{6 - 3^2}$

3. V = _____
SA = _____
Classify _____



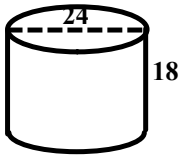
4. V = _____
SA = _____
Classify _____



5. V = _____
SA = _____

A Cube that has a side length of 14 cm.

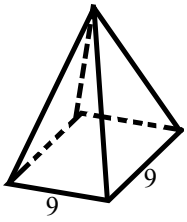
6. V = _____
Classify _____



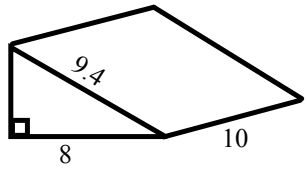
7. Draw a rectangular prism.

8. SA = _____
Classify _____

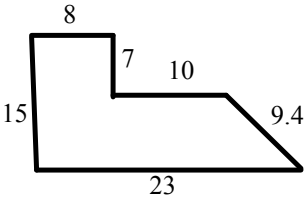
The bottom is a square and the height of each triangle is 14.



9. SA = _____
V = _____
Classify _____



10. Perimeter = _____
Area= _____
Classify _____



THURSDAY

1. A negative plus a positive will always be...
   a. positive
   b. negative
   c. can't be sure without the numbers

2. Do the points (3, 18) and (7, 42) lie on a proportional line?

   If they do, what is the C of P _____.
   If they do, write the equation _____.

Identify the shape of the cross sections described below.

3. A square pyramid is cut perpendicular to the base and goes through the vertex. _____

4. A cylinder is cut parallel to the base. _____

5. A rectangular prism is cut parallel to the base _____.

6. A square pyramid is cut parallel to the base. _____

7. A cylinder is cut perpendicular to the base. _____

8. A square pyramid is cut perpendicular to the base but not through the vertex. _____

9. A cylinder is cut at an angle from the base but not through either base _____.

10. A cone is cut perpendicular to the base and through the vertex. _____