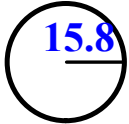


Weekly 13⁴/₅ Geometry

Name _____

MONDAY

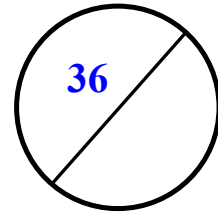
1. Radius = _____
Diameter = _____
Circumference = _____
Area = _____



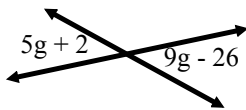
2. The circumference of a circle is 282.6 units. Find the circle's...
Radius = _____
Diameter = _____
Area = _____

What would the circumference _____ and area _____ of the circle be after a $\frac{2}{5}$ scale factor change?

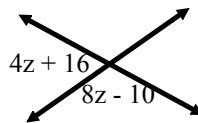
3. Radius = _____
Diameter = _____
Circumference = _____
Area = _____



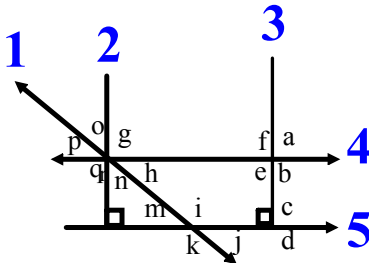
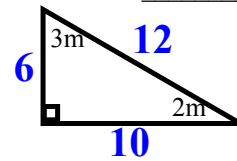
4. Equation = _____
g = _____



5. Equation = _____
z = _____



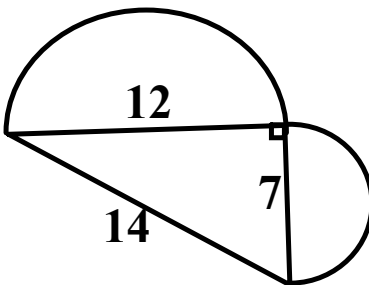
6. Equation = _____
m = _____
perimeter = _____
area = _____



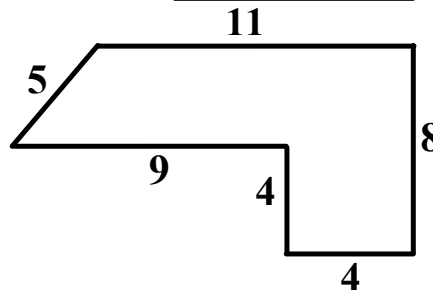
7. Line segment 2 is _____ to line 4. Line 4 is _____ to ray 5. Angle h is vertical to angle _____ which also makes them _____. If the measure of angle i is 155°, the measure of angle m would be _____, and the measure of angle n would be _____. Angle a is adjacent and supplementary to angles _____ and _____. If you added the measures of angles p, o, and g together you would get _____.

TUESDAY

1. Perimeter = _____
Area = _____

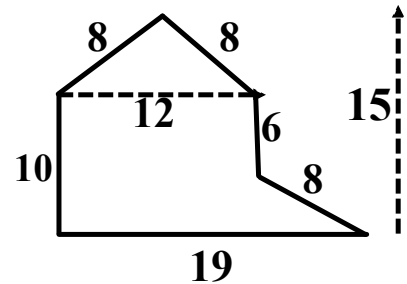


2. Perimeter = _____
Area = _____



What would the perimeter _____ and area _____ of the figure be after a $\frac{2}{1}$ scale factor change?

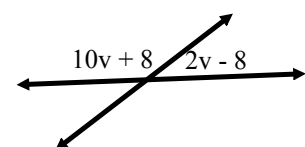
3. Perimeter = _____
Area = _____



4. The diameter of a circle is 14 units. Find the circle's...
radius = _____
circumference = _____
area = _____

5. The area of a triangle with a base measuring 32 units is 464 square units. Find the height _____ of the triangle.

6. Equation _____
v = _____

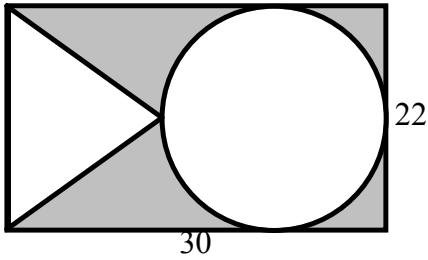


7. Determine the shape of the cross-section for each of the following cuts:

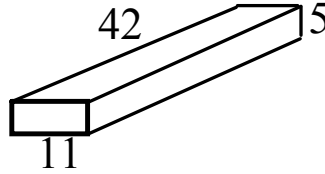
- _____ Hexagonal prism cut parallel to the base.
- _____ Cone cut perpendicular to the base through the apex.
- _____ Triangular pyramid perpendicular to the base but not through the apex.
- _____ Triangular prism perpendicular to the base.
- _____ Cylinder parallel to the base.
- _____ Sphere...any way you want to cut it.

WEDNESDAY

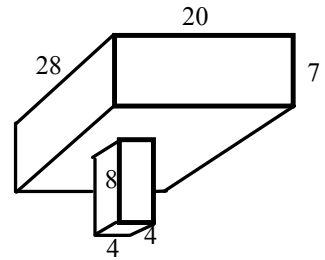
1. Area of the shaded = _____



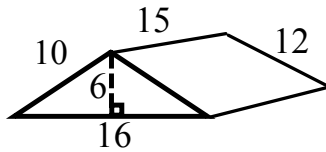
2. Surface area = _____
Volume = _____



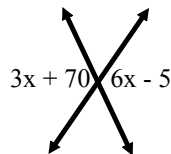
3. Surface area = _____
Volume = _____



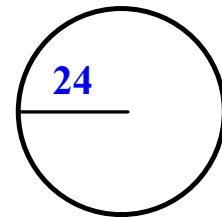
4. Surface area = _____
Volume = _____



5. Equation _____
x = _____



6. Circumference = _____
Area = _____



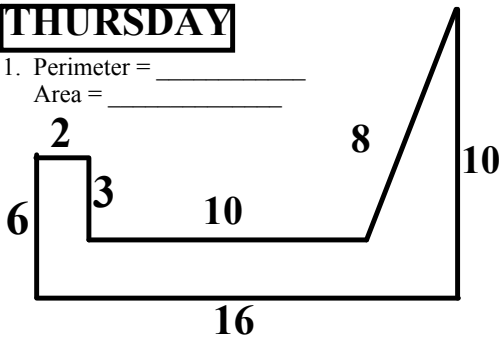
7. Find the complementary angle _____
and supplementary angle _____ to
a 13° angle.

8. VOCABULARY

_____ is a 5 sided polygon
_____ lines meet to form right angles
_____ is the number of cubes it takes to fill a figure
_____ angles with a measurement of less than 90°
_____ the number of squares it takes to cover a figure

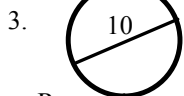
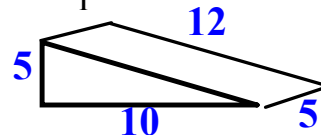
THURSDAY

1. Perimeter = _____
Area = _____



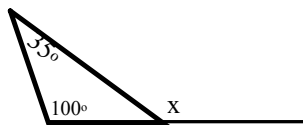
2. Surface area = _____
Volume = _____

Surface area after a $\frac{6}{1}$ scale factor change = _____
Volume area after a $\frac{6}{1}$ scale factor change = _____



R = _____
D = _____
C = _____
A = _____

3. Solve for x. _____

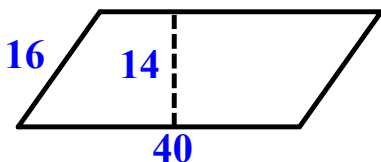


5. Find the volume of a cube
with a side measuring $\frac{1}{5}$ units _____.

6. Perimeter = _____
Area = _____

Perimeter after a $\frac{5}{8}$ scale factor change. _____

Area after a $\frac{5}{8}$ scale factor change. _____



7. Write the formulas. Try it from
memory without your notes.

AREA of...
triangle _____
parallelogram _____
circle _____
trapezoid _____

CIRCUMFERENCE _____
VOLUME (prisms, cylinders) _____