Math 6 - Unit 5: Area and Volume
Review

| Area of a <br> Rectangle <br> $A=b h$ or $A=l w$ | Area of a <br> Triangle <br> $A=\frac{1}{2} b h$ or $A=\frac{b h}{2}$ | Area of a <br> Parallelogram | $\frac{\text { Area of a }}{\text { Trapezoid }}$ <br> $A=b h$ | Volume of a <br> Rectangular Prism |
| :---: | :---: | :---: | :---: | :---: |
| $\boldsymbol{A}=\boldsymbol{h}\left(\frac{b_{1}+b_{2}}{2}\right)$ | $V=B h$ or V=lwh |  |  |  |

Solve the following problems and record your answers on the given line. You must show all work required to get credit!

1) Volume is measured in $\qquad$ units, and area is measured in $\qquad$ units.
2) What polyhedron will this net create?
a) square pyramid
b) triangular prism
c) cube
d) rectangular prism
3) Determine the volume of the cube pictured below.


ANSWER $\qquad$
4) Find the area of the triangle.

## ANSWER

$\qquad$

5 cm


8 cm

| 5) Determine the area of the trapezoid. | ANSWER |
| :---: | :---: |
| 6) Find the area of the figure shown below (Hint! Draw a line to make 2 rectangles and add area of 2 rectangles together!) | ANSWER |
| 7) What is the surface area of the rectangular prism? | ANSWER |
| 8) Find the area of the parallelogram. | ANSWER |
| 9) Find the area of the shaded region: | ANSWER |

