

Name _____ Date _____

Geometry – Review

Complete the formulas for the following:

Area of a
rectangle = _____

Area of a
parallelogram = _____

Area of a
triangle = _____

Area of a
trapezoid = _____

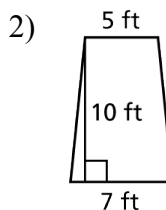
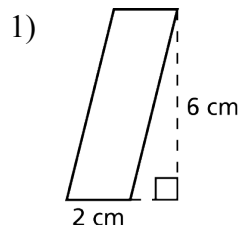
Circumference
of a circle = _____

Area of a
circle = _____

Volume
of a prism = _____

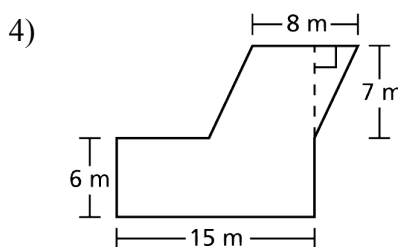
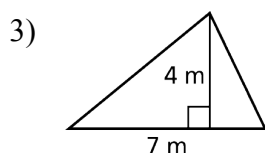
Volume
of a cylinder = _____

Find the areas of the following. Show work (formula and algebraic steps).



A = _____

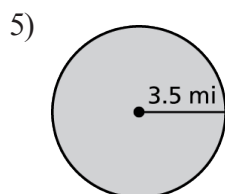
A = _____



A = _____

A = _____

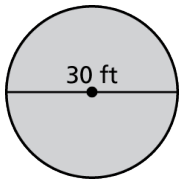
Find the circumference (perimeter) and area of the following. Use 3.14 for π .



C = _____

A = _____

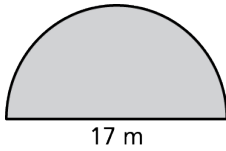
6)



$$C = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$

7)

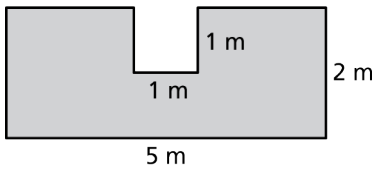


$$C = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$

Find the perimeter AND areas of the following. SHOW ALL WORK.

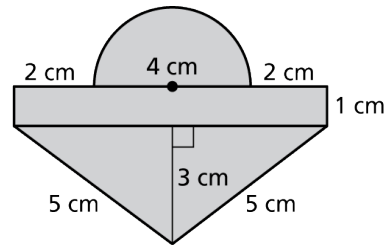
8)



$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$

9)

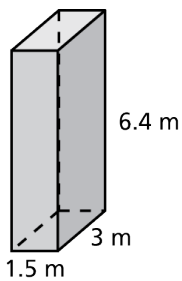


$$P = \underline{\hspace{2cm}}$$

$$A = \underline{\hspace{2cm}}$$

Find the surface area AND volume of the prisms. Show work (formula and algebraic steps).

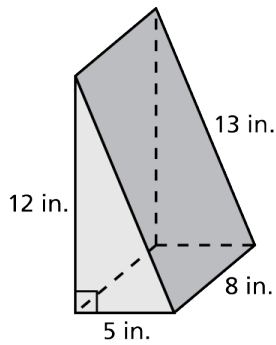
10)



$$SA = \underline{\hspace{2cm}}$$

$$V = \underline{\hspace{2cm}}$$

11)

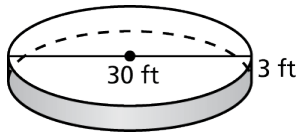


SA = _____

V = _____

Find the volume of the cylinder. Show work (formula and algebraic steps).

12)



V = _____

Find the missing measure. Show work (formula and algebraic steps).

13) The area of a parallelogram is 28 square feet, and its height is 8 feet. What is the measure of the parallelogram's base?

14) Conan believes that a triangle with an area 120 m^2 and a base of 10 meters has a height of 12 meters. Is he correct? Show why or why not.

b = _____

15) Alisha told Janice while she was at the post office that the area of a DVD is 19.625 in^2 . Will the DVD fit in a 4 inch opening of an envelope?

16) A triangular prism has a volume of 63 cm^3 . The height of the prism is 3.5 cm and the measure of the base of the triangle is 9 cm. Find the height of triangular base?

