

Name: _____

Date: _____

Pre-Geometry Packet

Champagnat Program

We will be covering these concepts and more in geometry class. You may be familiar with some of them, and others you may not have learned yet. Try to look up the bold terms below if you do not understand the question. My goal is for you to be familiar with the terms so that when you see them in my class, they won't seem so "strange."

- 1) How many sides does a **triangle** have? _____
- 2) How many sides does a **quadrilateral** have? _____
- 3) Name an object that is a **sphere**. _____
- 4) Name an object that is a **cylinder**. _____
- 5) What does an **acute angle** measure?
- 6) What does an **obtuse angle** measure?
- 7) What does a **straight angle** measure?
- 8) What does a **right angle** measure?
- 9) What is a **vertex**? _____
- 10) Draw two lines that are **perpendicular**.

- 11) Draw two lines that are **parallel**.

- 12) What does **congruent** mean? _____
- 13) A **circle**
- 14) A **triangle**
- 15) What is a **plane** (not an airplane)? Give an example.

- 16) What does **bisect** mean? _____
- 17) State a **reasonable conclusion** to this sentence:
"We have had a test every Friday for four months. Today is Friday."
Therefore, " _____."
- 18) Draw a **horizontal** line.

- 19) Draw a **vertical** line.

- 20) What is a **protractor** used for? _____

21) What is a **compass** used for? _____

22) Draw a **cube**.

23) What is a **reflection**? _____

24) What is **clockwise**? _____

25) What is **altitude**? _____

26) What is **median**? _____

27) What is a **parallelogram**?

28) What is a **polygon**? _____

29) What is **perimeter**? _____

30) What is **area**? _____

31) What is **volume**? _____

32) Draw 2 **similar** triangles.

33) What is **rotation**? _____

34) Draw a **circle**.

35) Make a **point** in the center of the circle.

36) Label the point with a letter **A**

37) Draw a line through the **diameter** of the circle.

38) What does **circumference** mean? _____

39) Tom wants to tile his office. The room is 11 feet by 5 feet. How many square feet of tile will he need? _____

40) Each tile costs \$3.00 per square foot. How much will he spend on tiles? \$ _____