

Geometry

9/9/20

## Basic Geometric Terms

**Standard: MGSE9-12.G.CO.1**

*Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.*

### Essential Question:

What are the three undefined terms of geometry?

September 9, 2020

2nd Period Geometry – 3phkpbx

3rd Period Geometry – acbtwx6

# WELCOME to GEOMETRY



Today we will:  
Go over classroom expectations.  
Start loving GEOMETRY!

**EXPECTATIONS:**

Be on time.

Be prepared. Have all of your materials and assignments ready upon entering the room.

Be positive and polite. Ask questions and listen when others ask.

Be respectful to me, your classmates, yourself.

Be a good example. Following school rules at all times. No phones, no gum, do not ask to go to the restroom.

## Warm-Up

Solve.

1.  $2x - 7(x - 6) = 2$

$$2x - 7x + 42 = 2 \quad x = 8$$

$$-5x + 42 = 2$$

$$-42 \quad -42$$

$$\hline -5x = -40$$

$$\hline -5x = -40$$

$$x = 8$$

3.  $5(x - 4) = 3x - 6 + 2(x + 1)$

$$5x - 20 = 3x - 6 + 2x + 2$$

$$5x - 20 = 5x - 4$$

$$\hline -5x \quad -5x$$

$$\hline -20 = -4 \quad \emptyset$$

2.  $6\left(\frac{2}{3}x + 8\right) = \frac{5}{6}x - 1$

$$4x + 48 = 5x - 6 \quad x = 54$$

$$-5x \quad -5x$$

$$\hline -1x + 48 = -6$$

$$-48 \quad -48$$

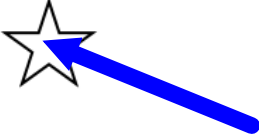
$$\hline -1x = -54$$

$$x = 54$$

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Multi-Step Equations Maze

Name \_\_\_\_\_



Pick a number 1 - 12

Write the problem.

Solve showing all steps.

