

Warmup

1. Solve and Check

$$t + 5.6 = 1.5$$

2. Solve and Check

$$c - 3 = 1$$

3. Write the inequality for each word phrase

X is fewer than 4 _____

X exceeds 4 _____

X is at least 4 _____

X is no more than 4 _____

I. Solving Addition Inequalities

Solve and Graph:

$$H + 3 \geq 8$$

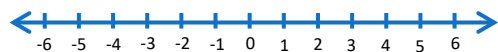
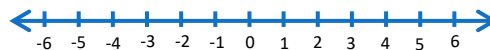


To solve an addition Inequality

1. Rewrite the Inequality with an = sign.
2. Solve for the Variable.
3. Use a test variable to check the answer.

4. Solve and Graph:

$$m + 5 > 8$$

**5.**

II. Solving Subtraction Inequalities

Solve and Graph:

$$s - 10 < -8$$



Solve a subtraction inequality

1. Rewrite the Inequality with an = sign.
2. Solve for the Variable.
3. Use a test variable to check the answer.

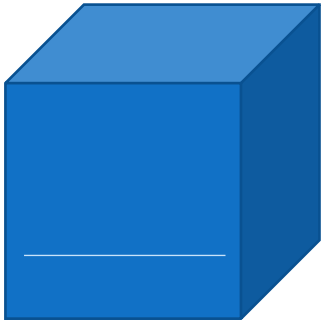
6. Solve and Graph:

$$p - 5 > 1$$

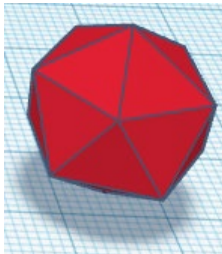
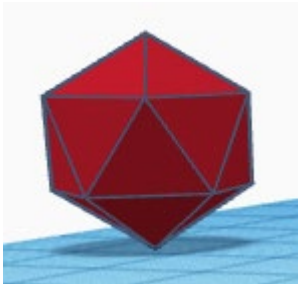
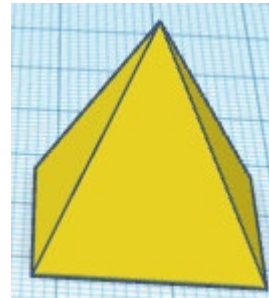


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III. Polyhedrons



Polyhedron: A polyhedron is a 3-Dimensional shape made of four or more polygons. It has length, width, and height.



Draw a Cube

Many 3-Dimensional Shapes are NOT polyhedrons.



IV. Practice

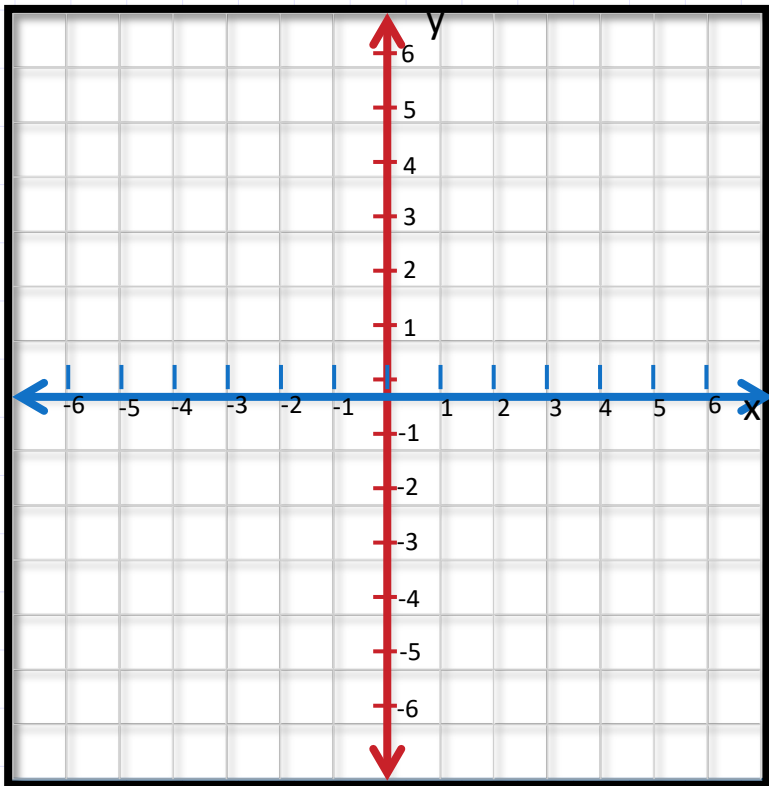
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