

Geometry 1

Monday 8-20-12

- Introduction $\Rightarrow$ ☐ 1st Day Forms
☐ Supplies
☐ Bulldogmath.com
- Vocabulary $\Rightarrow$ PPC, OBC, CBA, EXAM DFQ PP
(Ch. 1-1)
UNDEFINED terms, POINT, LINES,
(AXIOMS / POSTULATE)
PLANES, NAMING lines, rays, line segments
- Vocabulary
- Review like terms, ordered pairs,
- Euclid, "The Elements"
- Sign Rules / Fraction Rules

Homework: ☐ Bring Signed Forms
☐ Bring supplies.
☐ Memorize DF (flashcards)
☐ Visit / Explore Bulldogmath.

UNDEFINED TERMS $\Rightarrow$ AXIOMS $\Rightarrow$ POSTULATES
DEFINITIONS THAT ARE ASSUMED TO BE TRUE

like terms

ordered pair (x, y)

(EX) $2x + 5 = -9$

$$2(x) + 5 = -9$$

implied
MULT.

$$\begin{array}{r} 2 \cdot x + 5 \\ -5 \\ \hline \end{array} = \begin{array}{c} -9 \\ -5 \end{array}$$

SSA, KSS

$$\begin{array}{r} 2x \\ \hline 2 \end{array} = \frac{-14}{2}$$

SPDN

$$\boxed{x = -7}$$

Golden Rule of Equations

GRE

(EX)

$$3x - 7 = -18$$

$$+7 \quad +7$$

$$\frac{3x}{3}$$

$$= \frac{-11}{3}$$

$$x = -\frac{11}{3}$$

OSS Bow

DIFF SIGNS
SUBTRACT

Biggest ONE
WINS

$$\textcircled{\text{EX}} \quad \begin{array}{r} \downarrow \\ 3x - 2 = -4 \\ +2 \quad +2 \end{array}$$

GRE

$$\frac{3x}{3} = \frac{-2}{3}$$

$$\boxed{x = -\frac{2}{3}}$$

$$\underline{\underline{\text{CK}}} \quad 3\left(-\frac{2}{3}\right) - 2 \stackrel{?}{=} -4$$

$$-\frac{6}{3} - 2 \stackrel{?}{=} -4$$

$$-2 - 2 \stackrel{?}{=} -4 \quad \checkmark$$