0-4 Solving Linear and Multi-Step Equations

28&29Aug

Bellwork 29Aug2019

1) $\frac{5}{6}$ $\frac{2}{9}$ Find the sum, difference, product, and quotient

2)
$$\frac{5x}{6}$$
 $\frac{2}{9}$ $\frac{\text{Solve for x}}{\text{Solve for x}}$ $\frac{45}{5}$ $\frac{12}{45}$ $\frac{12}{45}$

3) Explain in words how you would solve this problem:

$$4 + 7 \cdot (-3) \cdot 6$$

$$-126 + 4 = -122$$

29Aug2019 Wed

0-4: Linear and Multi-Step Equations

$$1-4v+2v=3$$
O combine like terms
$$1-2v=3$$

Today:

- 1) One whiteboard per table
- 2) Write down the problem from smartboard in your own notes, solve yourself
- 3) Answer question on whiteboard-EVERYONE in group must agree (agree with the logic, maybe it's not what you have written, but make sure both are justified.)
- 4) Hold up work & answer

$$c+6-3c=-12$$

$$6-2c=-12$$

$$-2c=-18$$

$$-2c=-18$$

$$-2c=-18$$

$$-2c=-18$$

$$-2c=-18$$

$$-18 = -3p - 2 + 3$$

$$-18 = -3p + 1$$

$$-19 = -3p$$

$$\frac{19}{3} = p$$

$$-4(2+3a) = -64$$

$$-8 - 12a = -64$$

$$-12a = -56$$

$$a = \frac{56 \div 4}{12 \div 4}$$

$$2+3a = 16$$

$$3a = 14$$

$$3a = 14$$

$$4 = 14/3$$

$$24 - 6x = 2(5 - 6x)$$

$$24 - 6x = 2(5 - 6x)$$

$$24 - 6x = 10 - 12x$$

$$12 - 3x = 5 - 6x$$

$$6x = -14$$

$$x = -\frac{14}{x}$$

$$x = -\frac{14}{x}$$

$$x = -\frac{14}{x}$$

15 minutes to work on homework

Practice Real World