

# Whiteboards Day #3

November 10, 2016 8:28 AM

Solve Show ALL steps:

$$1. \quad \begin{array}{r} 13.4 \\ + 9.7 \\ \hline \end{array} = \begin{array}{r} x \\ - 9.7 \\ + 9.7 \\ \hline \end{array}$$

$$\boxed{23.1 = x}$$

$$2. \quad \frac{x}{\cancel{12.1}} (\cancel{12.1}) - 3.8 (\cancel{12.1})$$

$$x = -45.98$$

$$3. \quad \begin{array}{r} 7.9x \\ \div 7.9 \end{array} = \begin{array}{r} 345 \\ \div 7.9 \end{array}$$

$$x = 43.6708 = 43.7$$

$$4. \quad \begin{array}{r} x - 8.8 \\ + 8.8 \\ \hline \end{array} = \begin{array}{r} -16.8 \\ + 8.8 \\ \hline \end{array}$$
$$x = -8$$

$$5. \quad (-2)23.6 = \frac{n}{-2}$$

$$-47.2 = n$$

$$6. \quad 400 = 8.5p$$
$$\div 8.5 \quad \div 8.5$$

$$47.1 = p$$

$$7. \quad 2.2x - 8.1 = 12.9$$
$$+ 8.1 \quad + 8.1$$

$$2.2x = 21$$
$$\div 2.2 \quad \div 2.2$$

$$x = 9.54$$

$$8. \quad 6.5y + 1.5 = 25$$
$$- 1.5 \quad - 1.5$$

$$6.5y = 23.5$$
$$\div 6.5 \quad \div 6.5$$

$$y = 3.6$$

$$9. \quad \begin{array}{r} x \\ \hline 4.3 \end{array} - 9.7 = 1.4$$

$+9.7 \qquad \qquad \qquad +9.7$

$$(4.3) \frac{x}{4.3} = 11.1(4.3)$$

$$x = 47.73$$

$$10. \quad \begin{array}{r} -6.3 \\ -5 \\ \hline -11.3 \\ \div 2.4 \end{array} = \begin{array}{r} 5 \\ -5 \\ \hline 2.4x \\ \div 2.4 \end{array}$$
$$-4.7 = x$$

$$11. \quad \begin{array}{r} -12 \\ +12 \\ \hline \end{array} + \frac{x}{7} = 32.1$$

$+12 \qquad \qquad \qquad +12$

$$(7) x, - 11111 (7)$$

$$(7) \frac{x}{7} = 44.1(7)$$

$$x = 308.7$$