

6-8-18

Aim: SWBAT complete extra review for the final exam.

HW: Final Exam Tuesday June 12th

Textbooks can start being returned

Do Now: Paper, pencil, and calculator

Algebra

Solve and check.

$$\frac{4}{3} \cdot \frac{3}{4} x = 21 \cdot \frac{4}{3}$$

$$x = 28$$

$$\frac{3}{4} x = 21 \text{ Rewrite}$$

$$\frac{3}{4} \cdot 28 \stackrel{?}{=} 21 \text{ Substitute}$$

$$21 = 21 \text{ Evaluate using the Order of Operations}$$

$$\begin{array}{r} 4(x-3) = 20 \\ 4x - 12 = 20 \\ \quad +12 \quad +12 \\ \hline 4x = 32 \\ \quad \div 4 \\ \hline x = 8 \end{array}$$

$$4(x-3) = 20$$

$$4(8-3) \stackrel{?}{=} 20$$

$$4 \cdot 5 = 20$$

$$20 = 20$$

Variables on both sides

$$\begin{array}{r} 3x + 10 = -4x - 4 \\ +4x \quad +4x \\ \hline 7x + 10 = -4 \end{array}$$

$$\begin{array}{r} 7x + 10 = -4 \\ -10 \quad -10 \\ \hline 7x = -14 \end{array}$$

$$\begin{array}{r} 7x = -14 \\ \div 7 \\ \hline x = -2 \end{array}$$

$$x = -2$$

① Eliminate a variable term w/ opp. sign

$$\begin{array}{r} 3x + 10 = -4x - 4 \\ 3(-2) + 10 \stackrel{?}{=} (-4)(-2) - 4 \\ -6 + 10 \stackrel{?}{=} 8 - 4 \\ 4 = 4 \end{array}$$

$$\begin{array}{r} \text{CLT} \\ -5x + 4x - 3 = 2 - 3 \\ -x - 3 = -5 \\ \quad +3 \quad +3 \\ \hline -x = -2 \\ \quad \div -1 \\ \hline x = 2 \end{array}$$

$$\begin{array}{r} -5x + 4x - 3 = 2 - 3 \\ -5(2) + 4(2) - 3 \stackrel{?}{=} -2 - 3 \\ -10 + 8 - 3 \stackrel{?}{=} -5 \\ -5 = -5 \end{array}$$

Attachments

Intro To Statistics.ppt

Statistics - PowerPoint.ppt



Coordinate Plane