

September 22, 2011

No Warm-Up today! :)

Get out Homework from Wednesday

9/22[✓] - Dividing integers -- order of operations and averages
2³

P E (M D) (A S)
~~Parentheses~~ Exponents multiply Divide Add Subtract

Simplify.

$$\begin{aligned} & \underline{-63 \div (-7)} + 6 \\ &= 9 + 6 \\ &= 15 \end{aligned}$$

$$\begin{aligned} & -5 - \underline{12 \div 3} \\ &= -5 - 4 \\ &= -9 \end{aligned}$$

$$\begin{aligned} & \underline{-8 \cdot 7} + \underline{33 \div (-11)} \\ &= -56 + (-3) \\ &= -59 \end{aligned}$$

Simplify.

$$\begin{aligned} & -10 + 16 \div (-2) + 7 \\ & = \underline{-10 + (-8)} + 7 \\ & = -18 + 7 \\ & = -11 \end{aligned}$$

$$\begin{array}{r} 17 \\ 4 \overline{) 68} \\ \underline{-4} \\ 28 \\ \underline{-28} \\ 0 \end{array}$$

$$\begin{aligned} & (-68) \div (-4) + 5 \cdot (-3) \\ & = 17 + (-15) \\ & = 2 \end{aligned}$$

Find the *mean* of each set of numbers.

add all the #'s then \div by how many there are

~~-16~~, ~~-27~~, ~~21~~, ~~-19~~, ~~14~~, ~~-3~~

$$\begin{array}{r} \overset{2}{-16} \\ -27 \\ -19 \\ -3 \\ \hline -65 \end{array} \quad \begin{array}{r} 21 \\ 14 \\ \hline 35 \end{array}$$

$$\begin{array}{r} -65 \\ + 35 \\ \hline -30 \end{array} \div 6 = \textcircled{-5}$$

5, -7, 12, -10, 15

$$\begin{array}{r} -7 \\ -10 \\ -17 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ 12 \\ 15 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 32 \\ + -17 \\ \hline 15 \end{array} \div 5 = \textcircled{3}$$

Homework

RED book
page 22
#1-14 all
due: