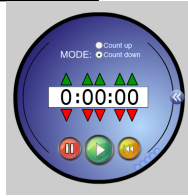


Thursday, September 12

Planner
 Check 2.5 Day 2 HW
 Learn 2.6 - Dividing Real Numbers

HW
 2.6 Worksheet



2.6 Notes - ÷ Real Numbers

FIND THE MULT. INVERSE OF THE #:

1. $\frac{-18}{1} \cdot \frac{1}{-18}$ 2. $4\frac{1}{3} \cdot \frac{-13}{3} = \frac{3}{-13}$

Find the Quotient: \div

3. $8 \div (-\frac{4}{11})$
 $\frac{8}{1} \div \frac{-4}{11}$
 $\frac{8 \cdot 11}{1 \cdot -4} = \frac{88}{-4} = -22$

FIND THE MEAN OF THE NUMBERS:

4. 7, -4, 1, -9, -6,
 $\frac{7 + (-4) + 1 + (-9) + (-6)}{5}$
 $\frac{-11}{5} = -2.2$

SIMPLIFY EXPRESSIONS:

5. $\frac{90x - 27}{-9}$ 6. $\frac{-24a + 10}{8}$
 $3(x+7)$ $-\frac{24a}{8} + \frac{10}{8}$
 $\frac{90x}{-9} - \frac{27}{-9}$ $-3a + 1.25$
 $-10x + 3$

EVALUATE THE EXPRESSIONS:

7. $\frac{4x}{3y+x}$ when $x = 6$ & $y = -8$
 $\frac{4(6)}{3(-8)+6} = \frac{24}{-24+6} = \frac{24}{-18} = \frac{24 \div 6}{-18 \div 6} = \frac{4}{-3}$

FIND THE AVERAGE RATE OF CHANGE:

8. -50 feet in 20 seconds

$$\frac{-50 \text{ ft}}{20 \text{ sec}} = -2.5 \text{ ft/sec}$$