

Rules FOR DIVISION OF Integers

A.) The quotient of two Integers with the "SAME" Sign is positive

$$+ \div + = +$$

$$- \div - = +$$

B.) The quotient of two Integers whose sign is different is "Negative"

$$+ \div - = -$$

$$- \div + = -$$

Write a division equation in "Linear" form relating to the multiplication problem.

$$6(8) = 48$$

$$-6(8) = -48$$

$$6(-8) = -48$$

$$-6(-8) = 48$$

$$48 \div 8 = 6$$

$$-48 \div -6 = 8$$

$$-48 \div -8 = 6$$

$$48 \div -8 = -6$$

Finding the mean of a group of numbers

1.) ADD all numbers

2.) Divide the sum by the total # of items.

Find the mean.

1.) Temps. $-9, -12, 9, 4, -2$

2.) Test scores.

$80, 75, 90, 88, 87$

$$170 + 75 = 245$$

$$\frac{245}{3} = 81\frac{2}{3}$$

3.) Bank Balance

$\$200, -\$85, \$120, \$200, \$280$

sum: 715

mean: $\$143$