Find each: Use a small white board

-8 - 3 = -11   -14 + 6 = -8

6 - 11 = -5   -9 + -7 = -16

-7 - -3 = -4   16 - -20 = 36

-15 + -12 = -27

Multiplying and Dividing Numbers:

Find each product or quotient

$$(5)(-2) = -10 \qquad \frac{15}{-3} = -5$$

$$(-6)(-8) = 48 \qquad \frac{-24}{-8} = 3$$

$$(-4)(3) = -12 \qquad \frac{-18}{9} = -2$$

Multiplying Rules:

When multiplying two numbers:

- Same Sign → Positive

- Different Sign → Negative

Dividing Rules: Same as Multiplying Rules!

Quiz Friday over adding, subtracting, multiplying, and dividing integers without a calculator.

You must get 100% or you'll be given a ZERO

You can retake it until you get 100%

Is each answer positive or negative?

$$(-4)(9)(-15)(36)(-2)(75)$$ Negative

$$(21)(13)(-5)(-8)(47)(-3)(-62)$$ Positive

$$(-93)^2(-4)^8(-6)(-18)^4(-6)^3$$ Positive

When dealing with multiplication and division only you can count the number of negative signs. If there is an even number of negative signs the product/quotient is positive and if there is an odd number of negative signs it is negative.