

Integer Review

An integer is any whole number that is not a fraction. This includes positive and negative numbers as well as zero

Ex:

The positive integers are the counting numbers. These are sometimes called the natural numbers

Ex:

The negative integers are the numbers less than zero. In some cases, we use brackets to show the number is negative

Ex:

Zero is a special number. It is neither positive or negative

We can perform the four basic operations with the integers using many strategies

Ex 1: Find the sum

a) $18 + (-7)$

b) $(-3) + 6$

c) $(-26) + (-34)$

Ex 2: Find the difference

a) $(-13) - 4$

b) $12 - (-3)$

c) $(-4) - (-13)$

Workplace Math 10
Integer Review

Multiplication and Division of integers follow a slightly different set of rules.

Remember that:

If there is an even number of negative signs, the solution will be positive

If there is an odd number of negative signs, the solution will be negative

Ex 3: Find the product

a) $7 \times (-3)$

b) $(-10) \times 4$

c) $(-2) \times (-9)$

Ex 4: Find the quotient

a) $24 \div (-4)$

b) $(-60) \div 5$

c) $(-55) \div (-11)$