
ALEKS Math Placement Exam Study Guide 2024 with complete solution

Positive Number

Any number greater than zero

Negative Number

Any number less than zero

Whole Number

Any "counting number" or zero

Integer

The whole numbers and their opposites

Even Number

Any integer divisible by 2

Odd Number

Any integer not divisible by 2

Sum

The result of two numbers being added

Difference

The result of one number being subtracted by another

Product

The result of two numbers being multiplied

Quotient

The result of one number being divided by another

Factor

A number that is multiplied to form the product

Greatest Common Factor

The greatest whole number that is a factor of two or more numbers

Multiples

The product of a number and a counting number

Least Common Multiple

The least whole number that is a multiple of two or more numbers

Prime

A number greater than one whose only whole number factors are one and itself

Composite

A number greater than one with more than two whole number factors

Real

All positive and negative numbers and zero

Rational

Any number that can be expressed as the quotient of two integers

Irrational

Real numbers that are not rational

How to find Percent Increase or Decrease

$\text{Difference/Original} = \text{Percent Increase or Decrease}$

Exponents and Roots

pg. 33

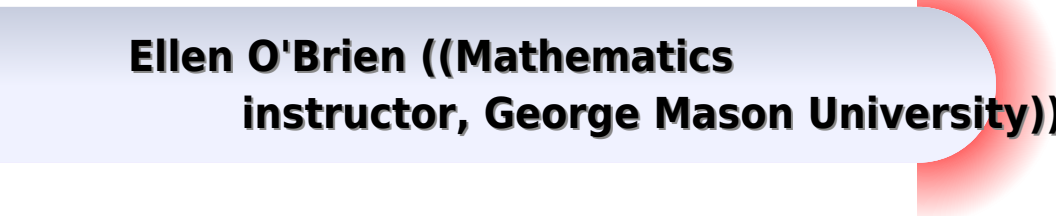
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Average Problems

Math Placement Test Guide

**Ellen O'Brien ((Mathematics
instructor, George Mason University))**



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