

Notes for Section 1.6 – “Writing an Equation” (grade 6)

Answers to math problems:

Addition – Sum

Subtraction – Difference

Multiplication – Product

Division - Quotient

Mathematical statement (expression) – A collection of numbers and symbols.

- $5 + 6$
- 9×4
- $8 - 7$

Variable – A letter that represents an unknown.

Variable Expression – An expression that contains a variable

- $a + 3$
- $9 - y$
- $6 \times m$

Equation – A mathematical statement with an “=” sign in it.

Solve/Evaluate – Find the answer. The solution is the answer that makes the statement true.

Solve an Equation (Evaluate) – The process used to solve an equation. Find the Answer.

Solution of an Equation – the value of the variable (unknown) that makes the statement true.

$$13 + r = 24$$

$$r = 11$$

$$d - 6 = 12$$

$$d = 18$$