Study guide for test 1 part 1

Identify each part of the algebraic expression as the coefficient, constant, or variable.

1. 5x-10

5 is a(n) Coefficient

X is a(n) variable

10 is a(n) Constant

1. y+5x

y is a(n) variable

5 is a(n) coefficent

X is a(n) variable

1. 7T

7 is a(n) coefficient

T is a(n) Variable

Interpret the following algebraic expressions

1. 10 increased by two times a number

2x+10

1. The quotient of a number and 10

X/10

1. 7 less than the product of 4 and a number

4x-7

Convert the algebraic expression to a written expression

1. 10-x

Answers can vary, 10 minus a number, a number (minus, subtracted, etc.) 10 decreased by a number.

1. 2x

Double a number, a number times 2, Etc.

Use the fact that 13x17=221 to find the following

1. 13x1.7= 22.1
2. 130x17=2210
3. 13x1700= 22100
4. 1.3x1.7=2.21
5. 2210/13= 170
6. 22100/17= 1300
7. 221/1.3= 170