

Name: _____

Math is Gold

Date: _____

Topic: Algebra Basics (Writing Equations)

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Title: Translate each sentence into an equation. Use n as the unknown number.

1) 15 subtracted from a number equals 20.

2) A number decreased by 25 is 75.

3) A number increased by 150 is 230.

4) The sum of a number and -42 is 28.

5) A number increased by 15 is 50.

6) 8 times a number equals 32.

7) One third of a number is 16.

8) Negative five times a number is -250.

9) Three fifths of a number is 15.

10) Negative three times a number is 120.

11) 17 less than one fifth of a number is 3.

12) 10 added to 4 times a number is 26.

13) 7 less than one third of a number is 27.

14) 12 more than two thirds of a number is 16.

15) Three fifths of a number minus seven is 14.

16) 2 minus three times a number is -25.

17) 3 times a number decreased by 5 equals 10.

18) Sum of 3 times x and 5 is twice x.

19) 6 times the sum of x and y equals 7 times y.

20) Sum of one-third x and 4 is three-fifth x.