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TRANSLATING WORDS: Worksheet 3

Translate the following to math notation. Use *n* for the variable.

1) 17 more than seven times a number

2) 1 less than a number

3) The quotient of a number and 12

4) A number increased by 16

5) The sum of 7 times a number and 18

6) Eighteen times a number decreased by 5

7) The difference of 3 and a number

8) The product of 8 and a number

9) The quotient of 13 and a number all increased by 2

10) Six less than four times a number

KEY
TRANSLATING WORDS: Worksheet 3

Translate the following to math notation. Use *n* for the variable.

1) 17 more than seven times a number

   $7n+17$

2) 1 less than a number

   $n-1$

3) The quotient of a number and 12

   $\dfrac{n}{12}$ OR $n \div 12$

4) A number increased by 16

   $n+16$

5) The sum of 7 times a number and 18

   $7n+18$

6) Eighteen times a number decreased by 5

   $18n-5$

7) The difference of 3 and a number

   $3-n$

8) The product of 8 and a number

   $8n$

9) The quotient of 13 and a number all increased by 2

   $\dfrac{13}{n}+2$

10) Six less than four times a number

   $4n-6$