

Math 6 - Unit 3: Expressions
Translating Expressions Homework

Name: _____

Class Period: 1 2 3 4 Date: _____

Translate the words to symbols.

- | | |
|--|-----------|
| 1) A number minus 18 | 1) _____ |
| 2) A number decreased by 16 | 2) _____ |
| 3) 9 less than a number | 3) _____ |
| 4) Six increased by a number | 4) _____ |
| 5) Six more than twice a number | 5) _____ |
| 6) The sum of 7 and a number | 6) _____ |
| 7) 8 divided by a number | 7) _____ |
| 8) The product of a number and thirteen | 8) _____ |
| 9) The sum of a number and 10 | 9) _____ |
| 10) The quotient of a number and 12 | 10) _____ |
| 11) The product of a number and 3, minus 2 | 11) _____ |

Translate the symbols to words.

- | | |
|--------------|-----------|
| 12) $x + 5$ | 12) _____ |
| 13) $5x$ | 13) _____ |
| 14) $5n + 4$ | 14) _____ |
| 15) $n - 6$ | 15) _____ |
| 16) $2n + 6$ | 16) _____ |

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Translate the words to symbols.

- | | |
|--|--------------------------------------|
| 1) A number minus 18 | 1) $x - 18$ |
| 2) A number decreased by 16 | 2) $x - 16$ |
| 3) 9 less than a number | 3) $n - 9$ |
| 4) Six increased by a number | 4) $6 + n$ |
| 5) Six more than twice a number | 5) $2n + 6$ |
| 6) The sum of 7 and a number | 6) $7 + n$ |
| 7) 8 divided by a number | 7) $\frac{8}{n}$ |
| 8) The product of a number and thirteen | 8) $13n$ |
| 9) The sum of a number and 10 | 9) $n + 10$ |
| 10) The quotient of a number and 12 | 10) $\frac{n}{12}$ |
| 11) The product of a number and 3, minus 2 | 11) $3n - 2$ |

Translate the symbols to words. These are sample answers. Your answers may vary.

- | | |
|--------------|--|
| 12) $x + 5$ | 12) <u>The sum of a number and five</u> |
| 13) $5x$ | 13) <u>The product of five and a number</u> |
| 14) $5n + 4$ | 14) <u>The sum of the product of five and a number and four</u> |
| 15) $n - 6$ | 15) <u>Six less than a number.</u> |
| 16) $2n + 6$ | 16) <u>The product of 2 and a number increased by 6</u> |