

Name : _____

Translating Phrases: Single-Variable

MS1

Translate each verbal phrase into an algebraic expression.

1) Subtract 16 from the square of v

2) Four-ninths of g , increased by 1

3) The cube of

4) Three-quart

5) m raised to t

6) 6 multiplied

7) The cube of

8) Two-thirds of k , reduced by 5

9) t raised to the fifth power, diminished by 1

10) Sum of j and 9, divided by 2

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Answer Key

MS1

Translating Phrases: Single-Variable

Translate each verbal phrase into an algebraic expression.

1) Subtract 16 from the square of v

$$\underline{v^2 - 16}$$

2) Four-ninths of g , increased by 1

$$\underline{\frac{4}{9}g + 1}$$

3) The cube of h

$$\underline{h^3}$$

4) Three-quarters of $10x$

$$\underline{10x - \frac{3}{4}}$$

5) m raised to the fourth power

$$\underline{\frac{m^4}{13}}$$

6) 6 multiplied by n

$$\underline{6n^2}$$

7) The cube of d plus 8

$$\underline{d^3 + 8}$$

8) Two-thirds of k , reduced by 5

$$\underline{\frac{2}{3}k - 5}$$

9) t raised to the fifth power, diminished by 1

$$\underline{t^5 - 1}$$

10) Sum of j and 9, divided by 2

$$\underline{\frac{j + 9}{2}}$$

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