

Name : _____

Translating Phrases: Multi-Variable

MS1

Translate each verbal phrase into an algebraic expression.

1) One-quarter of c added to the square of b

2) Subtract 12 from the square of sum of w and v

3) One-half of

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4) 5 divides m

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5) Difference between k and one-quarter of k

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6) Multiply the

7) Add one-half of

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8) The ratio of power 3 of y to 5 increased by z

9) Twice of p decreased by q reduced by 5 times r

10) The cube of difference between j and k

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Answer Key

Translating Phrases: Multi-Variable

MS1

Translate each verbal phrase into an algebraic expression.

- | | |
|---|-----------------------------|
| 1) One-quarter of c added to the square of b | $\frac{1}{4}c + b^2$ |
| 2) Subtract 12 from the square of sum of w and v | $(w + v)^2 - 12$ |
| 3) One-half of | $\frac{1}{2}(x + 2y)$ |
| 4) 5 divides m | $\frac{m + n}{5}$ |
| 5) Difference between one-quarter | $\frac{p}{q} - \frac{1}{4}$ |
| 6) Multiply the | b^2cd^3 |
| 7) Add one-half | $\frac{1}{2} + 4w^2 + v$ |
| 8) The ratio of power 3 of y to 5 increased by z | $\frac{y^3}{5} + z$ |
| 9) Twice of p decreased by q reduced by 5 times r | $(2p - q) - 5r$ |
| 10) The cube of difference between j and k | $(j - k)^3$ |

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