

Name : _____

Translating Phrases: Single-Variable

DS2

Translate each verbal phrase into an algebraic expression.

1) 5 divides the total of 6 times w and 1

2) z raised to the seventh power less than 9

3) Thrice the cu

4) The total of

5) The quotient
8 is added to

6) 16 plus twice

7) 7 less than 1

8) Subtract the cube of e from four-ninths

9) The difference between u and 9 is raised to the fifth power

10) Add the square of 3 to the cube of t

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Translating Phrases: Single-Variable

Translate each verbal phrase into an algebraic expression.

1) 5 divides the total of 6 times w and 1 $\frac{6w + 1}{5}$

2) z raised to the seventh power less than 9 $9 - z^7$

3) Thrice the cube of q less than 2 $3q^3 - \frac{2}{7}$

4) The total of c and 3 raised to the fifth power $(c + 3)^5$

5) The quotient of v and 8 is added to 4 $4 + \frac{v^4}{8}$

6) 16 plus twice the cube of d $16 + 2d^3$

7) 7 less than 10 times b $10b^6 - 7$

8) Subtract the cube of e from four-ninths $\frac{4}{9} - e^3$

9) The difference between u and 9 is raised to the fifth power $(u - 9)^5$

10) Add the square of 3 to the cube of t $3^2 + t^3$

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