

Name : _____

Translating Phrases: Single-Variable

DS1

Translate each verbal phrase into an algebraic expression.

1) The total of b and 5, raised to the sixth power

2) 1 added to the quotient of the cube of r and 7

3) The cube of

4) The sum of 5

5) 3 times the s

6) The differen
divided by 4

7) Subtract the

8) Add three-fifths to twice the square of h

9) The sum of g and 1 raised to the fifth power,
added to 6

10) Add 16 to twice the cube of d

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Name : _____

Answer Key

DS1

Translating Phrases: Single-Variable

Translate each verbal phrase into an algebraic expression.

1) The total of b and 5, raised to the sixth power $(b + 5)^6$

2) 1 added to the quotient of the cube of r and 7 $1 + \frac{r^3}{7}$

3) The cube of $y - 4$ $(y - 4)^3$

4) The sum of 5 and p divided by 2 $\frac{5 + p}{2}$

5) 3 times the square of k minus 9 $3k^2 - 9$

6) The difference of $7t$ and 3 divided by 4 $\frac{7t - 3}{4}$

7) Subtract the square of v from 2 cubed $2^3 - v^2$

8) Add three-fifths to twice the square of h $2h^2 + \frac{3}{5}$

9) The sum of g and 1 raised to the fifth power, added to 6 $6 + (g + 1)^5$

10) Add 16 to twice the cube of d $16 + 2d^3$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com