

Name : _____

Translating Phrases: Multi-Variable

MS3

Translate each verbal phrase into an algebraic expression.

1) Total of 4 times the thrice of s minus t and 16

2) Double of d reduced by b increased by ratio of c to 6

3) 5 times the

4) Difference between
fifths v and

5) y plus z divided

6) 8 times g added

7) Multiply five

8) Add one-half of the cube b and c

9) Twice of x minus the thrice of y decreased by double of z

10) 9 times d more than one-third of c

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

Translating Phrases: Multi-Variable

MS3

Translate each verbal phrase into an algebraic expression.

1) Total of 4 times the thrice of s minus t and 16

$$\underline{4(3s - t) + 16}$$

2) Double of d reduced by b increased by ratio of c to 6

$$\underline{2d - b + \frac{c}{6}}$$

3) 5 times the

PREVIEW

$$\underline{5m^3 + n + 7}$$

4) Difference between
fifths v and

$$\underline{\frac{1}{7} - \frac{3vw}{5}}$$

5) y plus z divided

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

$$\underline{\frac{x}{y+z}}$$

6) 8 times g added

Members, please
log in to
download this
worksheet.

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

$$\underline{8g + 2h^2}$$

7) Multiply five

www.mathworksheets4kids.com

$$\underline{\frac{5st}{9}}$$

8) Add one-half of the cube b and c

$$\underline{\frac{b^3}{2} + c}$$

9) Twice of x minus the thrice of y decreased by double of z

$$\underline{(2x - 3y) - 2z}$$

10) 9 times d more than one-third of c

$$\underline{\frac{c}{3} + 9d}$$