

Name : _____

Translating Phrases: One-Step Equations

MS2

Translate each verbal phrase into an algebraic equation.

1) Total of d and one-half is the same as 1

2) h smaller than 3 is one-fifth

3) b is raised to

4) x increased

5) Subtract or

6) The cube of

7) One-sixth of

8) b reduced by 2 is 17

9) Power 2 of r is equal to 49

10) Difference between z and one-third gives 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

Name : _____

Answer Key

MS2

Translating Phrases: One-Step Equations

Translate each verbal phrase into an algebraic equation.

- 1) Total of d and one-half is the same as 1

$$d + \frac{1}{2} = 1$$

- 2) h smaller than 3 is one-fifth

$$3 - h = \frac{1}{5}$$

- 3) b is raised to the power of 4 is 81

$$b^4 = 81$$

- 4) x increased by 6 is 15

$$x + 6 = 15$$

- 5) Subtract one-half from y is 1

$$y - \frac{1}{2} = 1$$

- 6) The cube of p is 27

$$p^3 = 27$$

- 7) One-sixth of q plus 2 is 3

$$\frac{1}{6}q + 2 = 3$$

- 8) b reduced by 2 is 14

$$b - 2 = 14$$

- 9) Power 2 of r is equal to 49

$$r^2 = 49$$

- 10) Difference between z and one-third gives 3

$$z - \frac{1}{3} = 3$$

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