

Name : \_\_\_\_\_

## Translating Phrases: Two-Step Equations

MS2

Translate each verbal phrase into an algebraic equation.

1) One quarter of the square of  $z$  is 6

\_\_\_\_\_

2) 11 times  $g$  reduced by three-fourths gives 2

\_\_\_\_\_

3) The cube root

\_\_\_\_\_

4) 7 multiplied b

\_\_\_\_\_

5) Combine 5 an

\_\_\_\_\_

6) 6 more than t

\_\_\_\_\_

7) Triple the squ

\_\_\_\_\_

8) 1 diminished by two-fifths of  $d$  equals 7

\_\_\_\_\_

9) The difference between the cube of  $w$  and 2 is same as 6

\_\_\_\_\_

10) Add twice  $q$  to three-sevenths corresponds to 4

\_\_\_\_\_

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**Translating Phrases: Two-Step Equations**

Translate each verbal phrase into an algebraic equation.

1) One quarter of the square of z is 6

$$\frac{z^2}{4} = 6$$

2) 11 times g reduced by three-fourths gives 2

$$11g - \frac{3}{4} = 2$$

3) The cube root

$$\sqrt[3]{p - 5} = 8$$

4) 7 multiplied b

$$7x^3 = 49$$

5) Combine 5 an

$$5 + \frac{1}{2}t = 9$$

6) 6 more than t

$$r^3 + 6 = 33$$

7) Triple the squ

$$3k^2 = 27$$

8) 1 diminished by two-fifths of d equals 7

$$1 - \frac{2}{5}d = 7$$

9) The difference between the cube of w and 2 is same as 6

$$w^3 - 2 = 6$$

10) Add twice q to three-sevenths corresponds to 4

$$2q + \frac{3}{7} = 4$$

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