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 _____

Name : _____

Answer Key

MS2

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 — $2q + \frac{3}{7} = 4$