

Algebra 1 Blizzard Bag #1

Name _____ Period _____ Date _____

Solve the following equations, round to two decimal places where necessary. (Chapter 3.1-3.4)

1. $-6y = -768$

2. $\frac{1}{5}w + 7 = 5$

3. $\frac{5}{3}(5 + m) = -15$

4. $x - 4 = 3x - 10$

5. $30 + 10m = 5(6m + 4)$

Rearrange the functions for the given variables. (Chapter 3.8)

6. Given $3a - 4b = -5$, solve so that b is a function of a .

7. Write the equation as a function of r : $10 = 7s - r$

8. Given the formula $m = \frac{z - w}{p}$, solve so that z is a function of m .