Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Algebraic equations – Make-up quiz.

Simplify the expressions:

8a – 2a 7y + 3b – 4y 12 + 3f – 4 – 5f

5(g + 3) -5 9k + 7h + 3(k + 2h) 5r – 2r2 – r

Solve the equations for the missing variable:

7d – 2d = 15 3p – 11 + p = 13 7 (w – 2) = 42

3 (z – 2) + 2z = -1 6j – 4 = 3j +23 4 (x – 6) = 3 (2x + 4)

Literal Equation: The formula for area of a triangle is A = ½ bh. Solve this equation to isolate h:

Mr. Linderman wants to offer extra credit to his students. He offers two options: Students can complete a worksheet and receive 50 xc pts for turning it in, plus 1 xc pt for each correct answer, or they can receive 20 xc pts for turning it in, plus 3 xc pts for each correct answer. If two students both received the same amount of xc pts, each using a different option, how many answers did they each get right?