

Name: _____
Date: _____
Class: _____

Algebra
Unit 2
HW 2-6

1) Solve for x: $\frac{e(x+c)}{b} = 2$

2) Solve for b: $a(x+b) - c = d$

3) Solve for a: $d = v_0 t + \frac{1}{2} a t^2$

4) Solve for F: $C = \frac{5}{9}(F - 32)$

5) 3 consecutive even integers are related in the following manner. 28 less than 3 times the sum of the largest and smallest is the same amount as 20 more than 5 times the middle. Find the largest of these integers.

6) A stadium has 4 rows of seats; each row has 4 more seats than the row in front of it. There is a total of 184 seats. How many seats are in the 3rd row?

7) Solve: $10x - 4(2 - 3x) + 14 = 31 + 8(x - 10) + 16x$