

Math 0404 – Pre-Algebra  
Integers – Equation Solving

Solve each of the following equations:

1.  $x - 8 = 3$

2.  $2y = -8$

3.  $a + (-4) = -5$

4.  $y - 3 = -10$

5.  $3x = -36$

6.  $-8x = 0$

7.  $-18 = b + 4$

8.  $-12 = -4x$

9.  $14 = x - (-3)$

10.  $-121x = 242$

## Solutions

1.  $x - 8 = 3$

11

2.  $2y = -8$

-4

3.  $a + (-4) = -5$

-1

4.  $y - 3 = -10$

-7

5.  $3x = -36$

-12

6.  $-8x = 0$

0

7.  $-18 = b + 4$

-22

8.  $-12 = -4x$

3

9.  $14 = x - (-3)$

11

10.  $-121x = 242$

-2