|  |  |  |  |
| --- | --- | --- | --- |
| Equation | Order of Operations in the Equation  (Write a Sentence) | Inverse Operations that you would use to solve for x  in Reverse Order | Solve the Equation |
| -7x+12=40 | First we would multiply by -7. Then we would add 12. The result would be 40. | First we cancel the addition by subtracting 12.  Then we cancel the multiplication by dividing by -7. The result is that x is isolated. | -7x + 12 = 40  -12 -12  \_\_\_\_\_\_\_\_\_\_\_\_\_  -7x = 28  -7 -7  \_\_\_\_\_\_\_\_\_\_\_\_\_  x = -4 |
| 10x – 4 = 56 |  |  |  |
| 5 + 3x = 20 |  |  |  |
|  |  |  |  |
| 10 = 20 |  |  |  |

**Writing Out Equations 9/12/11**

Solve each equation by reading it and writing what it means. Then write the steps to solve it. In the last box, do the math and solve for x.