|  |  |  |  |
| --- | --- | --- | --- |
| Equation | Order of Operations in the Equation(Write a Sentence) | Inverse Operations that you would use to solve for xin 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 |  |  |  |
| $$\frac{x}{6}+ 9=16$$ |  |  |  |
| $\frac{x}{3} –$ 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.