

# EXTRA PRACTICE — Exercises

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## Unit II – First Degree Relations with One Placeholder

### Part A – Basic Equations and Inequalities

#### Lesson 2 – First Type - Making Zeros (page 1)

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Find the solution set for each of the following open sentences and show it using set notation if possible, or a number line, if necessary.

1.  $a - 18.4 = 21.8$      $S = \{ \quad \quad \quad \}$



2.  $x - \frac{5}{2} = \frac{41}{2}$      $S = \{ \quad \quad \quad \}$



3.  $n + 7 > 2$      $S = \{ \quad \quad \quad \}$



4.  $y + 6 > 3$      $S = \{ \quad \quad \quad \}$



5.  $f + 65 = 135$      $S = \{ \quad \quad \quad \}$



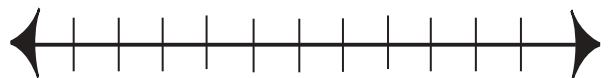
6.  $p - 7 > -12$      $S = \{ \quad \quad \quad \}$



7.  $y - 3.7 = 10$      $S = \{ \quad \quad \quad \}$



8.  $m + \frac{1}{2} = 10$      $S = \{ \quad \quad \quad \}$



9.  $a - 6 \leq 2$      $S = \{ \quad \quad \quad \}$



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10.  $-7 + c > 7$       $S = \{ \quad \quad \}$



11.  $x - 3\frac{1}{2} = 7\frac{1}{4}$       $S = \{ \quad \quad \}$



12.  $y - \frac{1}{3} > \frac{1}{4}$       $S = \{ \quad \quad \}$



13.  $r + \frac{1}{3} \geq \frac{5}{4}$       $S = \{ \quad \quad \}$



14.  $p - 5\frac{1}{2} = 12.2$       $S = \{ \quad \quad \}$



15.  $v + \frac{5}{6} \leq \frac{1}{3}$       $S = \{ \quad \quad \}$



16.  $x + 8 \leq -10$       $S = \{ \quad \quad \}$



17.  $t - 4.5 = 6.5$       $S = \{ \quad \quad \}$



18.  $c - 2\frac{3}{4} = 9\frac{3}{4}$       $S = \{ \quad \quad \}$



19.  $w + 5\frac{5}{8} = 2\frac{2}{3}$       $S = \{ \quad \quad \}$



20.  $x + \frac{2}{3} \leq \frac{4}{5}$       $S = \{ \quad \quad \}$



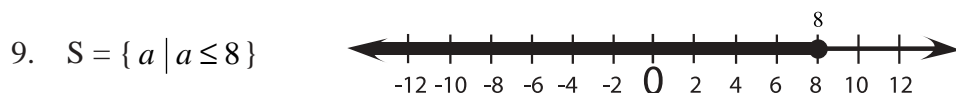
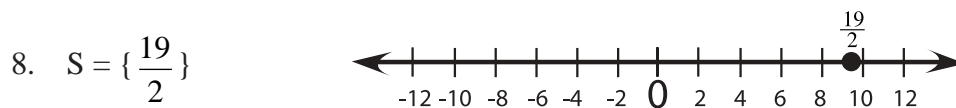
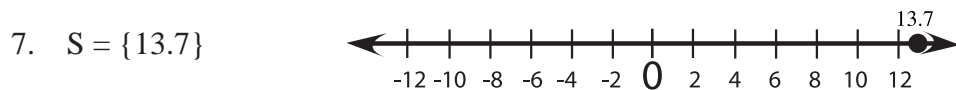
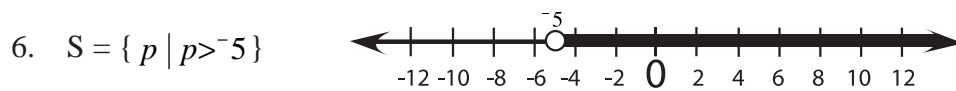
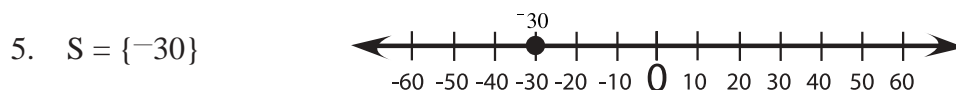
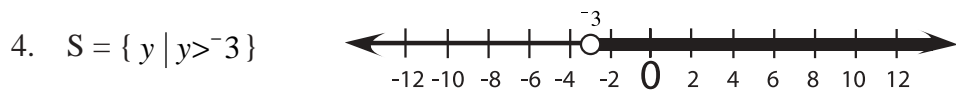
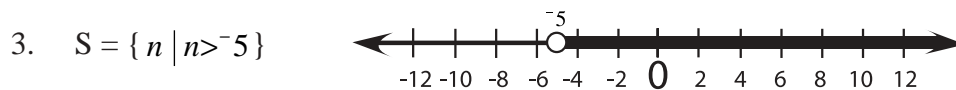
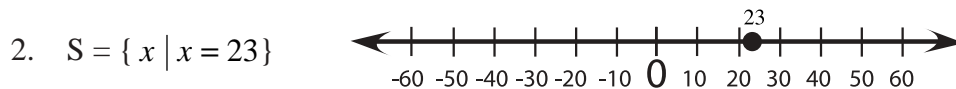
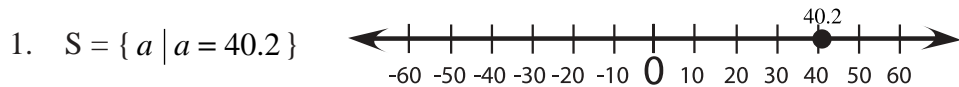
# EXTRA PRACTICE — Answer Key

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