

College Algebra with Review

Chapter 2 Test Review Key

1. Solve a linear equation:

1.a. $x = \frac{-7}{20}$	1.b. $x = \frac{-39}{2}$
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2. Solve a "formula" problem:

2a. Solve for y: $y = \frac{5}{16}x + \frac{5}{2}$	2.b. Solve for y: $y = \frac{5}{7}x + \frac{2}{7}$
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3. Solve a linear inequality:

3.a. $x > \frac{14}{9}$	3.b. $x > \frac{-60}{7}$
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4. Solve:

$\frac{-5}{8} < x \leq 2$	$8 < x \leq 16$
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5. Solve: $(-2,6)$

6. Solve: $x = 2, \frac{-20}{11}$

7. Solve: $x = 6, -4$

8. Solve: $x < \frac{-5}{7}$ or $x > \frac{1}{7}$

9. Solve: $\frac{-3}{2} < x < \frac{5}{2}$