

Name _____

Date _____

Mrs. Roubos

8R Period _____

Algebra II Mixed Review

<p>1) Solve for x:</p> $\frac{x + 25}{3} = 10$	<p>2) Solve for y:</p> $\frac{y - 6}{-4} = -7$
<p>3) Solve for x:</p> $\frac{x}{3} - \frac{3x}{4} + \frac{1}{2} = -\frac{1}{3}$	<p>4) Solve for x:</p> $2\frac{1}{3}x + 10 + 5\frac{2}{3}x - 9\frac{1}{2} = 12\frac{1}{2}$
<p>5) Solve for a:</p> $a^2 = \frac{16}{225}$	<p>6) Solve for b:</p> $b^3 = 512$

7) How many solution does the following equation have?

$$2x - 4 = 2(x - 1) + 3$$

8) How many solution does the following equation have?

$$8x + 4 = 4(2x + 1)$$

9) How many solution does the following equation have?

$$5x - 2x + 15 = 2x + 14$$

10) Simplify:

$$\sqrt[3]{64}$$