

Intro to Solving Equations - Class Examples

Date _____ Period _____

CLASS EXAMPLES: Solve each equation.

1) $4 + x = -1$

2) $-36 = x - 16$

3) $10x = 130$

4) $9 = \frac{p}{8}$

Now you try: Solve each equation.

5) $r + 7 = -11$

6) $\frac{n}{5} = -15$

CLASS EXAMPLES: Solve each equation with fractions.

7) $\frac{3}{4}x = 9$

8) $-36 = \frac{4}{9}d$

CLASS EXAMPLES: Solve each equation.

9) $3 + 2x = -5$

10) $-k + 4 = 5$

11) $\frac{k-1}{3} = -3$

12) $4 = \frac{n}{10} + 5$

NOW YOUR TRY: Solve each equation.

13) $3 = \frac{5+a}{7}$

14) $-13 = 3 + 4x$

HOMEWORK:

15) Pg. 85 #12-48 (multiples of 3) and Pg. 91 #12-33 (Multiples of 3)

Intro to Solving Equations - Class Examples

Date _____ Period _____

CLASS EXAMPLES: Solve each equation.

1) $4 + x = -1$

 $\{-5\}$

2) $-36 = x - 16$

 $\{-20\}$

3) $10x = 130$

 $\{13\}$

4) $9 = \frac{p}{8}$

 $\{72\}$ **Now you try: Solve each equation.**

5) $r + 7 = -11$

 $\{-18\}$

6) $\frac{n}{5} = -15$

 $\{-75\}$ **CLASS EXAMPLES: Solve each equation with fractions.**

7) $\frac{3}{4}x = 9$

8) $-36 = \frac{4}{9}d$

 -81

CLASS EXAMPLES: Solve each equation.

9) $3 + 2x = -5$

$\{-4\}$

10) $-k + 4 = 5$

$\{-1\}$

11) $\frac{k-1}{3} = -3$

$\{-8\}$

12) $4 = \frac{n}{10} + 5$

$\{-10\}$

NOW YOUR TRY: Solve each equation.

13) $3 = \frac{5+a}{7}$

$\{16\}$

14) $-13 = 3 + 4x$

$\{-4\}$

HOMEWORK:

15) Pg. 85 #12-48 (multiples of 3) and Pg. 91 #12-33 (Multiples of 3)