

Name \_\_\_\_\_

# FISHING FOR NUMBERS

Solving addition and subtraction equations with rational numbers

Solve each equation. Check your answers.

**A.**  $-7.26 + w = -12.36$

$$\begin{aligned} -7.26 - (-7.26) + w &= -12.36 - (-7.26) \\ w &= -5.1 \end{aligned}$$

$-7.26 + -5.1 = -12.36$  Check

**B.**  $k - \frac{-3}{9} = \frac{7}{9}$

\_\_\_\_\_ Check



**C.**  $f + \frac{-3}{8} = \frac{2}{8}$

\_\_\_\_\_ Check

**D.**  $g - 3.594 = -10.634$

\_\_\_\_\_ Check

**E.**  $-119.4 + m = -30.71$

\_\_\_\_\_ Check

**F.**  $b - -0.47 = 5.865$

\_\_\_\_\_ Check

**G.**  $-\frac{1}{2} + p = \frac{1}{6}$

\_\_\_\_\_ Check

**H.**  $r - \frac{-5}{6} = 1\frac{8}{15}$

\_\_\_\_\_ Check

**I.**  $x + -1.56 = -0.73$

\_\_\_\_\_ Check

**J.**  $v + 2\frac{2}{3} = \frac{-1}{3}$

\_\_\_\_\_ Check

**K.**  $d - -8.48 = -18.07$

\_\_\_\_\_ Check

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# iT TAKES TWO

Solving two-step equations with rational numbers

Solve each equation.

**A.**  $\frac{n}{4.9} + 9.77 = 10.76$

**B.**  $2c - \frac{4}{5} = \frac{1}{5}$

**C.**  $0.4x - 1.5 = -3.9$

**D.**  $3x + \frac{7}{8} = -2\frac{1}{8}$

**E.**  $-\frac{k}{0.3} - 7.83 = -34.17$

**F.**  $2n + \frac{7}{4} = -\frac{1}{4}$

**G.**  $\frac{r}{9} - \frac{-3}{9} = \frac{1}{9}$

**H.**  $2b + 0.7 = -11.7$

**I.**  $11d + \frac{-5}{7} = \frac{6}{7}$

**J.**  $\frac{m}{20} + \frac{-9}{10} = \frac{-11}{20}$

**K.**  $-5.3p - 78.3 = -116.46$

