

**EXTRA PRACTICE 16****Solving Equations Involving Addition and Subtraction and Containing Fractions****Use after Section 4.3****Name** \_\_\_\_\_

Solve by adding or subtracting the fraction on both sides.

1.  $x + \frac{5}{6} = \frac{8}{9}$  \_\_\_\_\_ 2.  $y - \frac{1}{5} = \frac{3}{4}$  \_\_\_\_\_ 3.  $a + \frac{1}{10} = \frac{6}{5}$  \_\_\_\_\_

4.  $\frac{3}{7} + t = \frac{4}{5}$  \_\_\_\_\_ 5.  $\frac{2}{3} + r = \frac{6}{7}$  \_\_\_\_\_ 6.  $x - \frac{4}{5} = \frac{10}{9}$  \_\_\_\_\_

7.  $\frac{2}{5} - a = \frac{4}{3}$  \_\_\_\_\_ 8.  $\frac{7}{2} + y = \frac{13}{3}$  \_\_\_\_\_ 9.  $x + \frac{1}{2} = \frac{9}{10}$  \_\_\_\_\_

10.  $t + \frac{2}{3} = \frac{8}{3}$  \_\_\_\_\_ 11.  $a - \frac{3}{5} = 2$  \_\_\_\_\_ 12.  $\frac{3}{11} + y = \frac{3}{4}$  \_\_\_\_\_

13.  $b - \frac{5}{2} = \frac{17}{6}$  \_\_\_\_\_ 14.  $x + \frac{2}{5} = \frac{12}{5}$  \_\_\_\_\_ 15.  $\frac{3}{7} + r = 1$  \_\_\_\_\_

16.  $z + \frac{3}{4} = \frac{3}{4}$  \_\_\_\_\_ 17.  $\frac{5}{6} - x = \frac{5}{6}$  \_\_\_\_\_ 18.  $\frac{5}{3} + t = \frac{9}{4}$  \_\_\_\_\_

19.  $a + \frac{7}{9} = \frac{7}{3}$  \_\_\_\_\_ 20.  $b + \frac{3}{8} = \frac{7}{8}$  \_\_\_\_\_ 21.  $\frac{3}{2} - y = \frac{-5}{2}$  \_\_\_\_\_

22.  $\frac{1}{2} + r = \frac{11}{13}$  \_\_\_\_\_ 23.  $x + \frac{11}{14} = \frac{13}{14}$  \_\_\_\_\_ 24.  $z + \frac{3}{4} = \frac{11}{4}$  \_\_\_\_\_

25.  $\frac{3}{10} - a = -5$  \_\_\_\_\_ 26.  $\frac{2}{3} + y = \frac{8}{9}$  \_\_\_\_\_ 27.  $b + \frac{1}{11} = \frac{7}{2}$  \_\_\_\_\_

28.  $t + \frac{5}{6} = \frac{11}{6}$  \_\_\_\_\_ 29.  $x + \frac{19}{27} = \frac{19}{27}$  \_\_\_\_\_ 30.  $\frac{1}{3} - r = \frac{-6}{13}$  \_\_\_\_\_