

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. $\frac{1}{3} - r = \frac{-6}{13}$ _____