

EXTRA PRACTICE 15**Solving Equations Involving Multiplication and Containing Fractions**

Use after Section 3.8

Name _____

Solve by dividing on both sides by the fraction.

1. $\frac{3}{4} \cdot y = 60$ _____

2. $x \cdot \frac{2}{3} = 90$ _____

3. $\frac{5}{4} \cdot a = 50$ _____

4. $x \cdot \frac{7}{5} = 35$ _____

5. $y \cdot \frac{3}{5} = 60$ _____

6. $\frac{5}{3} \cdot t = 45$ _____

7. $\frac{1}{2} \cdot r = \frac{3}{4}$ _____

8. $\frac{3}{2} \cdot x = \frac{1}{3}$ _____

9. $y \cdot \frac{3}{5} = \frac{2}{9}$ _____

10. $\frac{1}{5} \cdot h = \frac{3}{5}$ _____

11. $t \cdot \frac{2}{3} = \frac{1}{4}$ _____

12. $y \cdot \frac{4}{9} = \frac{5}{6}$ _____

13. $\frac{21}{2} \cdot a = \frac{7}{4}$ _____

14. $x \cdot \frac{1}{10} = \frac{7}{10}$ _____

15. $b \cdot \frac{5}{6} = \frac{7}{9}$ _____

16. $\frac{10}{9} \cdot y = 55$ _____

17. $\frac{2}{3} \cdot r = 17$ _____

18. $\frac{3}{2} \cdot x = 33$ _____

19. $\frac{3}{4} \cdot t = \frac{1}{2}$ _____

20. $\frac{5}{6} \cdot y = 0$ _____

21. $\frac{6}{7} \cdot a = 1$ _____

22. $\frac{10}{9} \cdot z = 1$ _____

23. $\frac{1}{6} \cdot h = \frac{5}{6}$ _____

24. $\frac{7}{8} \cdot x = \frac{1}{8}$ _____

25. $\frac{1}{10} \cdot t = \frac{3}{4}$ _____

26. $\frac{2}{5} \cdot y = 60$ _____

27. $\frac{2}{3} \cdot x = \frac{11}{6}$ _____

28. $5r = \frac{1}{2}$ _____

29. $3z = \frac{3}{7}$ _____

30. $a \cdot \frac{3}{4} = \frac{5}{9}$ _____