

Multiply Mixed Numbers

Multiply. Write each answer in simplest form.

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| 1. $\frac{3}{4} \times 15 =$ _____ | 2. $13 \times \frac{1}{3} =$ _____ | 3. $\frac{5}{6} \times 20 =$ _____ |
| 4. $12 \times 1\frac{1}{5} =$ _____ | 5. $3\frac{1}{8} \times 18 =$ _____ | 6. $21 \times 1\frac{3}{4} =$ _____ |
| 7. $\frac{1}{3} \times 4\frac{1}{2} =$ _____ | 8. $7\frac{1}{5} \times \frac{5}{8} =$ _____ | 9. $\frac{2}{9} \times 2\frac{2}{3} =$ _____ |
| 10. $2\frac{1}{2} \times 3\frac{2}{3} =$ _____ | 11. $1\frac{4}{9} \times 1\frac{1}{6} =$ _____ | 12. $3\frac{3}{4} \times 2\frac{2}{5} =$ _____ |
| 13. $10 \times 5\frac{1}{2} =$ _____ | 14. $\frac{1}{8} \times 12 =$ _____ | 15. $3\frac{1}{6} \times \frac{3}{4} =$ _____ |
| 16. $1\frac{1}{8} \times 1\frac{3}{10} =$ _____ | 17. $\frac{5}{12} \times 6\frac{3}{4} =$ _____ | 18. $10\frac{1}{2} \times 26 =$ _____ |
| 19. $14 \times \frac{3}{10} =$ _____ | 20. $6\frac{2}{5} \times 1\frac{1}{6} =$ _____ | 21. $\frac{8}{9} \times 3\frac{1}{2} =$ _____ |
| 22. $7\frac{3}{5} \times 2\frac{1}{2} =$ _____ | 23. $40 \times 7\frac{5}{8} =$ _____ | 24. $\frac{2}{5} \times 24 =$ _____ |
| 25. $4\frac{5}{8} \times 5\frac{1}{3} =$ _____ | 26. $21 \times \frac{7}{8} =$ _____ | 27. $\frac{5}{6} \times 4\frac{2}{5} =$ _____ |
| 28. $2\frac{3}{4} \times 32 =$ _____ | 29. $7\frac{1}{3} \times 3\frac{1}{4} =$ _____ | 30. $10\frac{1}{6} \times \frac{3}{8} =$ _____ |
| 31. $16 \times \frac{4}{5} =$ _____ | 32. $1\frac{1}{4} \times 8\frac{7}{8} =$ _____ | 33. $24 \times 6\frac{2}{3} =$ _____ |
| 34. $\frac{1}{3} \times 4\frac{2}{5} =$ _____ | 35. $3\frac{7}{8} \times 2\frac{1}{3} =$ _____ | 36. $66 \times 1\frac{4}{11} =$ _____ |

Problem Solving

37. The Parks Department uses $1\frac{3}{4}$ gallons of paint for each picnic shelter. At the end of the first day, the workers had painted $2\frac{1}{2}$ shelters. How much paint had they used that day?
38. While cleaning up around one picnic shelter, the workers filled $6\frac{1}{2}$ plastic bags with trash. If the average weight of a bag was $2\frac{1}{2}$ pounds, how many pounds of trash was collected?
