

Practice 5-2

Multiplying Mixed Numbers

Estimate each product.

- | | | |
|--|---|--|
| 1. $2\frac{5}{6} \times 1\frac{3}{4}$ _____ | 2. $3\frac{3}{8} \times 7\frac{1}{4}$ _____ | 3. $5\frac{3}{8} \times 2\frac{7}{8}$ _____ |
| 4. $2\frac{3}{8} \times 4\frac{4}{5}$ _____ | 5. $6\frac{7}{12} \times 5\frac{9}{10}$ _____ | 6. $7\frac{1}{3} \times 10\frac{11}{12}$ _____ |
| 7. $12\frac{1}{4} \times 3\frac{3}{4}$ _____ | 8. $8\frac{1}{6} \times 2\frac{1}{4}$ _____ | 9. $15\frac{2}{3} \times 5\frac{5}{7}$ _____ |

Find each product.

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

Solve.

37. Ken used a piece of lumber to build a bookshelf. If he made three shelves that are each $2\frac{1}{2}$ ft long, how long was the piece of lumber? _____
38. Deanna's cake recipe needs to be doubled for a party. How much of each ingredient should Deanna use?

Cake Recipe		
<i>ingredient</i>	<i>amount</i>	<i>doubled amount</i>
flour	$2\frac{1}{4}$ cups	_____
sugar	$1\frac{3}{4}$ cups	_____
butter	$1\frac{1}{2}$ cups	_____
milk	$\frac{3}{4}$ cup	_____