

Multiplying Fractions and Mixed Numbers

Name _____

Date _____

Multiply. Cancel where possible.

1. $\frac{2}{3} \times \frac{4}{5} =$ _____
2. $\frac{7}{8} \times \frac{2}{3} =$ _____
3. $\frac{3}{5} \times \frac{1}{7} =$ _____
4. $\frac{5}{6} \times \frac{3}{4} =$ _____
5. $5 \times \frac{4}{15} =$ _____
6. $\frac{2}{3} \times 9 =$ _____
7. $\frac{7}{8} \times 14 =$ _____
8. $8 \times \frac{5}{6} =$ _____
9. $1\frac{3}{4} \times 2\frac{1}{3} =$ _____
10. $6\frac{1}{8} \times 1\frac{1}{7} =$ _____
11. $8\frac{1}{3} \times 2\frac{4}{5} =$ _____
12. $6\frac{1}{7} \times 3\frac{1}{2} =$ _____
13. $6\frac{1}{3} \times 4\frac{1}{5} =$ _____
14. $7\frac{1}{3} \times 9 =$ _____
15. $8 \times 4\frac{1}{2} =$ _____

Compute.

16. $(2\frac{1}{3} + 1\frac{5}{6}) \times \frac{4}{5} =$ _____
17. $(9\frac{1}{2} - 3\frac{3}{4}) \times \frac{8}{9} =$ _____
18. $(4\frac{3}{4} + 2\frac{3}{8}) \times 16 =$ _____
19. $(5\frac{3}{4} + 2\frac{1}{3}) \times \frac{4}{5} =$ _____
20. $(6\frac{2}{3} - \frac{4}{5}) \times \frac{1}{8} =$ _____
21. $14 \times (5\frac{1}{3} + \frac{4}{7}) =$ _____
22. $6\frac{1}{3} \times 4\frac{1}{5} \times \frac{5}{6} =$ _____
23. $7\frac{1}{7} \times 4\frac{2}{3} \times \frac{9}{10} =$ _____

Solve.

24. Twenty-four students went to the museum. One sixth of these saw the biology exhibit. How many saw the biology exhibit?

25. How many yards of fabric are needed to make 25 dolls if one doll requires $\frac{4}{5}$ yd of fabric?

26. Chris used $\frac{3}{5}$ of a $12\frac{1}{2}$ -ft length of electrical wire. How much wire is left?
