

Multiply. Write the answer in simplest form. (Section 2.1)

1. $\frac{3}{7} \times \frac{1}{4}$

2. $\frac{9}{10} \times \frac{2}{3}$

3. $1\frac{1}{6} \times \frac{2}{5}$

4. $3\frac{1}{2} \times 5\frac{7}{10}$

Divide. Write the answer in simplest form. (Section 2.2 and Section 2.3)

5. $\frac{1}{9} \div \frac{1}{3}$

6. $7 \div \frac{5}{8}$

7. $4\frac{7}{8} \div \frac{1}{8}$

8. $7\frac{2}{3} \div 1\frac{1}{9}$

Evaluate the expression. Write the answer in simplest form. (Section 2.2 and Section 2.3)

9. $6 \div \frac{2}{3} + \frac{1}{2}$

10. $\frac{7}{12} \div \frac{1}{4} \times \frac{9}{14}$

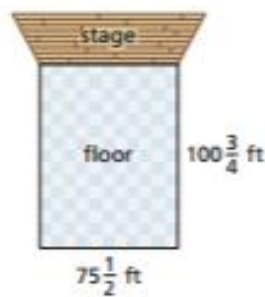
11. $3\frac{1}{3} \times 3\frac{3}{4} \div \frac{5}{6}$

12. $6\frac{2}{9} \div \left(4 \times 1\frac{1}{6}\right)$

Don't DO these

13. **MALL** In a mall, $\frac{1}{15}$ of the stores sell shoes. There are 180 stores in the mall. How many of the stores sell shoes? (Section 2.1)

14. **CONCERT FLOOR** The floor of a concert venue is $100\frac{3}{4}$ feet by $75\frac{1}{2}$ feet. What is the area of the floor? (Section 2.1)



15. **BAND** Band members make $\frac{2}{3}$ of their profit from selling concert tickets. They make $\frac{1}{5}$ of their profit from selling band merchandise at the concerts. How many times more profit do they make from ticket sales than from merchandise sales? (Section 2.2)