

Perform the indicated operations. For the final answer, change improper fractions to mixed numbers and reduce fractions to lowest terms.

$$1. -\frac{5}{4} \cdot \frac{1}{3} = -\frac{5}{12}$$

$$2. \frac{8}{7} \cdot \frac{7}{10} = \frac{4}{5}$$

$$3. \frac{4}{9} \cdot \frac{7}{4} = \frac{7}{9}$$

$$4. -\frac{2}{3} \cdot \frac{5}{4} = -\frac{5}{6}$$

$$5. -2 \cdot \frac{3}{7} = -\frac{6}{7}$$

$$6. \frac{4}{5} \cdot 15 = 12$$

$$7. 8 \cdot \frac{5}{12} \cdot \frac{38}{15} = 8\frac{4}{9}$$

$$8. -2\frac{2}{3} \cdot 4\frac{1}{10} = -10\frac{14}{15}$$

$$9. -2\frac{1}{5} \cdot -1\frac{3}{4} = 3\frac{17}{20}$$

$$10. -1\frac{1}{4} \cdot 9 = -11\frac{1}{4}$$

$$11. -1\frac{5}{7} \cdot -2\frac{1}{2} = 4\frac{2}{7}$$

$$12. -2\frac{3}{8} \cdot 2\frac{1}{2} = -5\frac{15}{16}$$

$$13. 3\frac{12}{15} \cdot 1\frac{17}{19} = 7\frac{1}{5}$$

$$14. 5\frac{2}{3} \cdot \frac{27}{34} = 4\frac{1}{2}$$