

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

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

$$2. \frac{8}{7} \cdot \frac{7}{10}$$

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

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

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

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

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

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

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

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

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

$$12. -2\frac{3}{8} \cdot 2\frac{1}{2}$$

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

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