

Multiplying and Dividing Various Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{3}{7} \times \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

Convert ↑ Result Simplify Convert ↓

$$2. \quad \frac{10}{3} \div \frac{2}{3} = \text{---} \times \text{---} = \text{---} =$$

$$3. \quad 3\frac{1}{3} \div 2\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$4. \quad \frac{7}{4} \div \frac{3}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$5. \quad \frac{15}{4} \div 1\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$6. \quad 3\frac{1}{6} \div \frac{13}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$7. \quad 2\frac{1}{6} \times \frac{15}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$8. \quad 3\frac{1}{2} \times \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$9. \quad 3\frac{1}{2} \times 2\frac{6}{7} = \text{---} \times \text{---} = \text{---} =$$

$$10. \quad \frac{5}{8} \times \frac{4}{7} = \text{---} = \text{---}$$

Multiplying and Dividing Various Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{3}{7} \times \frac{3}{2} = \frac{24}{7} \times \frac{3}{2} = \frac{72}{14} = \frac{36}{7} = 5\frac{1}{7}$$

$$2. \quad \frac{10}{3} \div \frac{2}{3} = \frac{10}{3} \times \frac{3}{2} = \frac{30}{6} = 5$$

$$3. \quad 3\frac{1}{3} \div 2\frac{1}{2} = \frac{10}{3} \div \frac{5}{2} = \frac{10}{3} \times \frac{2}{5} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$4. \quad \frac{7}{4} \div \frac{3}{8} = \frac{7}{4} \times \frac{8}{3} = \frac{56}{12} = \frac{14}{3} = 4\frac{2}{3}$$

$$5. \quad \frac{15}{4} \div 1\frac{4}{5} = \frac{15}{4} \div \frac{9}{5} = \frac{15}{4} \times \frac{5}{9} = \frac{75}{36} = \frac{25}{12} = 2\frac{1}{12}$$

$$6. \quad 3\frac{1}{6} \div \frac{13}{4} = \frac{19}{6} \div \frac{13}{4} = \frac{19}{6} \times \frac{4}{13} = \frac{76}{78} = \frac{38}{39}$$

$$7. \quad 2\frac{1}{6} \times \frac{15}{7} = \frac{13}{6} \times \frac{15}{7} = \frac{195}{42} = \frac{65}{14} = 4\frac{9}{14}$$

$$8. \quad 3\frac{1}{2} \times \frac{4}{3} = \frac{7}{2} \times \frac{4}{3} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

$$9. \quad 3\frac{1}{2} \times 2\frac{6}{7} = \frac{7}{2} \times \frac{20}{7} = \frac{140}{14} = 10$$

$$10. \quad \frac{5}{8} \times \frac{4}{7} = \frac{20}{56} = \frac{5}{14}$$