

Multiplying and Dividing Various Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{8} \div \frac{2}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Convert ↑ Inversion Result Convert ↓

$$2. \quad 1\frac{4}{9} \div \frac{5}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

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

$$4. \quad 1\frac{1}{2} \div \frac{1}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$5. \quad \frac{1}{2} \times \frac{5}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$6. \quad \frac{8}{3} \times 3\frac{2}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$7. \quad \frac{7}{5} \times \frac{4}{3} = \underline{\quad} = \underline{\quad}$$

$$8. \quad \frac{1}{7} \times \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$9. \quad \frac{17}{5} \div 2\frac{1}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$10. \quad 1\frac{1}{7} \div \frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Multiplying and Dividing Various Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{8} \div \frac{2}{3} = \frac{25}{8} \div \frac{2}{3} = \frac{25}{8} \times \frac{3}{2} = \frac{75}{16} = 4\frac{11}{16}$$

$$2. \quad 1\frac{4}{9} \div \frac{5}{2} = \frac{13}{9} \div \frac{5}{2} = \frac{13}{9} \times \frac{2}{5} = \frac{26}{45}$$

$$3. \quad 2\frac{1}{7} \times 2\frac{1}{7} = \frac{15}{7} \times \frac{15}{7} = \frac{225}{49} = 4\frac{29}{49}$$

$$4. \quad 1\frac{1}{2} \div \frac{1}{5} = \frac{3}{2} \div \frac{1}{5} = \frac{3}{2} \times \frac{5}{1} = \frac{15}{2} = 7\frac{1}{2}$$

$$5. \quad \frac{1}{2} \times \frac{5}{6} = \frac{1}{2} \times \frac{5}{6} = \frac{5}{12}$$

$$6. \quad \frac{8}{3} \times 3\frac{2}{3} = \frac{8}{3} \times \frac{11}{3} = \frac{88}{9} = 9\frac{7}{9}$$

$$7. \quad \frac{7}{5} \times \frac{4}{3} = \frac{28}{15} = 1\frac{13}{15}$$

$$8. \quad \frac{1}{7} \times \frac{8}{3} = \frac{1}{7} \times \frac{8}{3} = \frac{8}{21}$$

$$9. \quad \frac{17}{5} \div 2\frac{1}{6} = \frac{17}{5} \div \frac{13}{6} = \frac{17}{5} \times \frac{6}{13} = \frac{102}{65} = 1\frac{37}{65}$$

$$10. \quad 1\frac{1}{7} \div \frac{3}{4} = \frac{8}{7} \div \frac{3}{4} = \frac{8}{7} \times \frac{4}{3} = \frac{32}{21} = 1\frac{11}{21}$$