

Multiplying and Dividing Various Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{7}{5} \times 2\frac{7}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

4. $3\frac{6}{7} \times 3\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5. $\frac{9}{4} \times 3\frac{5}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $\frac{5}{2} \div 3\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{1}{3} \div 3\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $1\frac{5}{7} \div \frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9. $1\frac{1}{6} \div 2\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $2\frac{2}{5} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{5} \times 2\frac{7}{9} = \frac{7}{5} \times \frac{25}{9} = \frac{175}{45} = \frac{35}{9} = 3\frac{8}{9}$$

$$2. \quad 1\frac{5}{6} \times \frac{3}{5} = \frac{11}{6} \times \frac{3}{5} = \frac{33}{30} = \frac{11}{10} = 1\frac{1}{10}$$

$$3. \quad \frac{1}{3} \times \frac{6}{7} = \frac{1}{3} \times \frac{6}{7} = \frac{6}{21} = \frac{2}{7}$$

$$4. \quad 3\frac{6}{7} \times 3\frac{1}{3} = \frac{27}{7} \times \frac{10}{3} = \frac{270}{21} = \frac{90}{7} = 12\frac{6}{7}$$

$$5. \quad \frac{9}{4} \times 3\frac{5}{7} = \frac{9}{4} \times \frac{26}{7} = \frac{234}{28} = \frac{117}{14} = 8\frac{5}{14}$$

$$6. \quad \frac{5}{2} \div 3\frac{1}{6} = \frac{5}{2} \div \frac{19}{6} = \frac{5}{2} \times \frac{6}{19} = \frac{30}{38} = \frac{15}{19}$$

$$7. \quad \frac{1}{3} \div 3\frac{5}{6} = \frac{1}{3} \div \frac{23}{6} = \frac{1}{3} \times \frac{6}{23} = \frac{6}{69} = \frac{2}{23}$$

$$8. \quad 1\frac{5}{7} \div \frac{4}{5} = \frac{12}{7} \div \frac{4}{5} = \frac{12}{7} \times \frac{5}{4} = \frac{60}{28} = \frac{15}{7} = 2\frac{1}{7}$$

$$9. \quad 1\frac{1}{6} \div 2\frac{3}{8} = \frac{7}{6} \div \frac{19}{8} = \frac{7}{6} \times \frac{8}{19} = \frac{56}{114} = \frac{28}{57}$$

$$10. \quad 2\frac{2}{5} \div 1\frac{1}{2} = \frac{12}{5} \div \frac{3}{2} = \frac{12}{5} \times \frac{2}{3} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$