

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{9} \times 3\frac{1}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

4. $\frac{1}{4} \times 3\frac{2}{7} = \text{---} \times \text{---} = \text{---}$

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

6. $1\frac{1}{3} \div \frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $2\frac{3}{7} \times \frac{5}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $\frac{3}{4} \div 1\frac{2}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10. $2\frac{1}{9} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{5}{9} \times 3\frac{1}{9} = \frac{5}{9} \times \frac{28}{9} = \frac{140}{81} = 1\frac{59}{81}$$

$$2. \frac{2}{7} \div 3\frac{2}{3} = \frac{2}{7} \div \frac{11}{3} = \frac{2}{7} \times \frac{3}{11} = \frac{6}{77}$$

$$3. \frac{1}{5} \div 1\frac{5}{7} = \frac{1}{5} \div \frac{12}{7} = \frac{1}{5} \times \frac{7}{12} = \frac{7}{60}$$

$$4. \frac{1}{4} \times 3\frac{2}{7} = \frac{1}{4} \times \frac{23}{7} = \frac{23}{28}$$

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

$$6. 1\frac{1}{3} \div \frac{7}{8} = \frac{4}{3} \div \frac{7}{8} = \frac{4}{3} \times \frac{8}{7} = \frac{32}{21} = 1\frac{11}{21}$$

$$7. 2\frac{3}{7} \times \frac{5}{9} = \frac{17}{7} \times \frac{5}{9} = \frac{85}{63} = 1\frac{22}{63}$$

$$8. \frac{1}{2} \times 2\frac{3}{7} = \frac{1}{2} \times \frac{17}{7} = \frac{17}{14} = 1\frac{3}{14}$$

$$9. \frac{3}{4} \div 1\frac{2}{9} = \frac{3}{4} \div \frac{11}{9} = \frac{3}{4} \times \frac{9}{11} = \frac{27}{44}$$

$$10. 2\frac{1}{9} \times \frac{1}{2} = \frac{19}{9} \times \frac{1}{2} = \frac{19}{18} = 1\frac{1}{18}$$