

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $\frac{4}{5} \div 1\frac{1}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

9. $\frac{1}{5} \div 3\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{4} \div 1\frac{4}{7} = \frac{1}{4} \div \frac{11}{7} = \frac{1}{4} \times \frac{7}{11} = \frac{7}{44}$$

$$2. \frac{1}{2} \times 1\frac{6}{7} = \frac{1}{2} \times \frac{13}{7} = \frac{13}{14}$$

$$3. \frac{1}{3} \times 2\frac{3}{5} = \frac{1}{3} \times \frac{13}{5} = \frac{13}{15}$$

$$4. 3\frac{1}{2} \times \frac{1}{4} = \frac{7}{2} \times \frac{1}{4} = \frac{7}{8}$$

$$5. 1\frac{4}{5} \times \frac{1}{4} = \frac{9}{5} \times \frac{1}{4} = \frac{9}{20}$$

$$6. \frac{4}{5} \div 1\frac{1}{9} = \frac{4}{5} \div \frac{10}{9} = \frac{4}{5} \times \frac{9}{10} = \frac{36}{50} = \frac{18}{25}$$

$$7. 2\frac{1}{4} \times \frac{1}{4} = \frac{9}{4} \times \frac{1}{4} = \frac{9}{16}$$

$$8. \frac{1}{8} \div 3\frac{1}{3} = \frac{1}{8} \div \frac{10}{3} = \frac{1}{8} \times \frac{3}{10} = \frac{3}{80}$$

$$9. \frac{1}{5} \div 3\frac{3}{4} = \frac{1}{5} \div \frac{15}{4} = \frac{1}{5} \times \frac{4}{15} = \frac{4}{75}$$

$$10. \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$