

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

7. $\frac{1}{2} \div 3\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

10. $3\frac{4}{7} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

Name: _____

Date: _____

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Calculate each result.

$$1. \frac{1}{2} \times 3\frac{2}{3} = \frac{1}{2} \times \frac{11}{3} = \frac{11}{6} = 1\frac{5}{6}$$

$$2. \frac{7}{8} \div 1\frac{2}{3} = \frac{7}{8} \div \frac{5}{3} = \frac{7}{8} \times \frac{3}{5} = \frac{21}{40}$$

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

$$4. \frac{1}{2} \times 1\frac{2}{3} = \frac{1}{2} \times \frac{5}{3} = \frac{5}{6}$$

$$5. \frac{4}{5} \div 1\frac{1}{4} = \frac{4}{5} \div \frac{5}{4} = \frac{4}{5} \times \frac{4}{5} = \frac{16}{25}$$

$$6. \frac{1}{2} \div 2\frac{2}{3} = \frac{1}{2} \div \frac{8}{3} = \frac{1}{2} \times \frac{3}{8} = \frac{3}{16}$$

$$7. \frac{1}{2} \div 3\frac{4}{5} = \frac{1}{2} \div \frac{19}{5} = \frac{1}{2} \times \frac{5}{19} = \frac{5}{38}$$

$$8. \frac{3}{4} \div 1\frac{6}{7} = \frac{3}{4} \div \frac{13}{7} = \frac{3}{4} \times \frac{7}{13} = \frac{21}{52}$$

$$9. \frac{3}{7} \times 2\frac{3}{4} = \frac{3}{7} \times \frac{11}{4} = \frac{33}{28} = 1\frac{5}{28}$$

$$10. 3\frac{4}{7} \times \frac{1}{2} = \frac{25}{7} \times \frac{1}{2} = \frac{25}{14} = 1\frac{11}{14}$$