

Multiplying and Dividing Proper and Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $\frac{1}{8} \times \frac{8}{5} = \text{---} = \text{---}$

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

5. $\frac{1}{4} \times \frac{14}{5} = \text{---} = \text{---}$

6. $\frac{8}{9} \div \frac{17}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (J) Answers

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Score: _____

Calculate each result.

$$1. \quad \frac{1}{4} \div \frac{3}{2} = \frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$$

$$2. \quad \frac{4}{9} \div \frac{5}{3} = \frac{4}{9} \times \frac{3}{5} = \frac{12}{45} = \frac{4}{15}$$

$$3. \quad \frac{1}{8} \times \frac{8}{5} = \frac{8}{40} = \frac{1}{5}$$

$$4. \quad \frac{5}{6} \div \frac{5}{2} = \frac{5}{6} \times \frac{2}{5} = \frac{10}{30} = \frac{1}{3}$$

$$5. \quad \frac{1}{4} \times \frac{14}{5} = \frac{14}{20} = \frac{7}{10}$$

$$6. \quad \frac{8}{9} \div \frac{17}{6} = \frac{8}{9} \times \frac{6}{17} = \frac{48}{153} = \frac{16}{51}$$

$$7. \quad \frac{1}{7} \times \frac{7}{5} = \frac{7}{35} = \frac{1}{5}$$

$$8. \quad \frac{1}{4} \div \frac{9}{4} = \frac{1}{4} \times \frac{4}{9} = \frac{4}{36} = \frac{1}{9}$$

$$9. \quad \frac{1}{3} \times \frac{3}{2} = \frac{3}{6} = \frac{1}{2}$$

$$10. \quad \frac{1}{4} \times \frac{8}{5} = \frac{8}{20} = \frac{2}{5}$$