

Multiplying and Dividing Proper and Improper Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

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

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

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

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

10. $\frac{3}{4} \div \frac{13}{5} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Proper and Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{1}{6} \div \frac{3}{2} = \frac{1}{6} \times \frac{2}{3} = \frac{2}{18} = \frac{1}{9}$$

$$2. \quad \frac{7}{8} \div \frac{7}{3} = \frac{7}{8} \times \frac{3}{7} = \frac{21}{56} = \frac{3}{8}$$

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

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

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

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

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

$$8. \quad \frac{5}{8} \div \frac{5}{3} = \frac{5}{8} \times \frac{3}{5} = \frac{15}{40} = \frac{3}{8}$$

$$9. \quad \frac{1}{3} \div \frac{9}{4} = \frac{1}{3} \times \frac{4}{9} = \frac{4}{27}$$

$$10. \quad \frac{3}{4} \div \frac{13}{5} = \frac{3}{4} \times \frac{5}{13} = \frac{15}{52}$$