

# Multiplying and Dividing Proper and Improper Fractions (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{8}{9} \div \frac{8}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{13}{9} \times \frac{1}{3} = \text{---}$

3.  $\frac{1}{9} \times \frac{7}{3} = \text{---}$

4.  $\frac{2}{9} \div \frac{11}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

6.  $\frac{23}{9} \times \frac{1}{3} = \text{---}$

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

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

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

10.  $\frac{1}{6} \times \frac{5}{2} = \text{---}$

## Multiplying and Dividing Proper and Improper Fractions (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{8}{9} \div \frac{8}{5} = \frac{8}{9} \times \frac{5}{8} = \frac{40}{72} = \frac{5}{9}$$

$$2. \quad \frac{13}{9} \times \frac{1}{3} = \frac{13}{27}$$

$$3. \quad \frac{1}{9} \times \frac{7}{3} = \frac{7}{27}$$

$$4. \quad \frac{2}{9} \div \frac{11}{6} = \frac{2}{9} \times \frac{6}{11} = \frac{12}{99} = \frac{4}{33}$$

$$5. \quad \frac{3}{4} \div \frac{3}{2} = \frac{3}{4} \times \frac{2}{3} = \frac{6}{12} = \frac{1}{2}$$

$$6. \quad \frac{23}{9} \times \frac{1}{3} = \frac{23}{27}$$

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

$$8. \quad \frac{2}{5} \div \frac{4}{3} = \frac{2}{5} \times \frac{3}{4} = \frac{6}{20} = \frac{3}{10}$$

$$9. \quad \frac{1}{8} \div \frac{4}{3} = \frac{1}{8} \times \frac{3}{4} = \frac{3}{32}$$

$$10. \quad \frac{1}{6} \times \frac{5}{2} = \frac{5}{12}$$