

Multiplying and Dividing Proper and Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{2} \div \frac{13}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $\frac{1}{3} \div \frac{21}{8} = \text{---} \times \text{---} = \text{---}$

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

5. $\frac{1}{3} \times \frac{11}{4} = \text{---}$

6. $\frac{1}{8} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

Multiplying and Dividing Proper and Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{2}{3} \div \frac{5}{2} = \frac{2}{3} \times \frac{2}{5} = \frac{4}{15}$$

$$2. \quad \frac{1}{2} \div \frac{13}{6} = \frac{1}{2} \times \frac{6}{13} = \frac{6}{26} = \frac{3}{13}$$

$$3. \quad \frac{1}{3} \div \frac{21}{8} = \frac{1}{3} \times \frac{8}{21} = \frac{8}{63}$$

$$4. \quad \frac{3}{4} \times \frac{9}{8} = \frac{27}{32}$$

$$5. \quad \frac{1}{3} \times \frac{11}{4} = \frac{11}{12}$$

$$6. \quad \frac{1}{8} \div \frac{5}{2} = \frac{1}{8} \times \frac{2}{5} = \frac{2}{40} = \frac{1}{20}$$

$$7. \quad \frac{3}{4} \div \frac{8}{3} = \frac{3}{4} \times \frac{3}{8} = \frac{9}{32}$$

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

$$9. \quad \frac{5}{2} \times \frac{2}{9} = \frac{10}{18} = \frac{5}{9}$$

$$10. \quad \frac{1}{3} \times \frac{5}{3} = \frac{5}{9}$$