

Multiplying and Dividing Various Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $1\frac{2}{3} \div \frac{8}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

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

10. $\frac{11}{7} \div 3\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (I) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{3} \times 2\frac{1}{2} = \frac{10}{3} \times \frac{5}{2} = \frac{50}{6} = \frac{25}{3} = 8\frac{1}{3}$$

$$2. \quad 2\frac{1}{4} \div \frac{2}{3} = \frac{9}{4} \div \frac{2}{3} = \frac{9}{4} \times \frac{3}{2} = \frac{27}{8} = 3\frac{3}{8}$$

$$3. \quad \frac{2}{3} \times 3\frac{3}{5} = \frac{2}{3} \times \frac{18}{5} = \frac{36}{15} = \frac{12}{5} = 2\frac{2}{5}$$

$$4. \quad 1\frac{2}{3} \div \frac{8}{7} = \frac{5}{3} \div \frac{8}{7} = \frac{5}{3} \times \frac{7}{8} = \frac{35}{24} = 1\frac{11}{24}$$

$$5. \quad \frac{7}{9} \times \frac{1}{3} = \frac{7}{9} \times \frac{1}{3} = \frac{7}{27}$$

$$6. \quad \frac{7}{3} \times 1\frac{1}{2} = \frac{7}{3} \times \frac{3}{2} = \frac{21}{6} = \frac{7}{2} = 3\frac{1}{2}$$

$$7. \quad 3\frac{1}{3} \times \frac{3}{5} = \frac{10}{3} \times \frac{3}{5} = \frac{30}{15} = 2$$

$$8. \quad 1\frac{2}{7} \div \frac{7}{2} = \frac{9}{7} \div \frac{7}{2} = \frac{9}{7} \times \frac{2}{7} = \frac{18}{49}$$

$$9. \quad \frac{1}{2} \div 1\frac{1}{3} = \frac{1}{2} \div \frac{4}{3} = \frac{1}{2} \times \frac{3}{4} = \frac{3}{8}$$

$$10. \quad \frac{11}{7} \div 3\frac{2}{3} = \frac{11}{7} \div \frac{11}{3} = \frac{11}{7} \times \frac{3}{11} = \frac{33}{77} = \frac{3}{7}$$