

Multiplying and Dividing Various Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

4. $2\frac{6}{7} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

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

10. $\frac{14}{9} \div \frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (H) Answers

Name: _____

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Calculate each result.

$$1. \frac{11}{3} \times 3\frac{3}{4} = \frac{11}{3} \times \frac{15}{4} = \frac{165}{12} = \frac{55}{4} = 13\frac{3}{4}$$

$$2. \frac{8}{5} \times 2\frac{1}{2} = \frac{8}{5} \times \frac{5}{2} = \frac{40}{10} = 4$$

$$3. 2\frac{1}{3} \times 1\frac{6}{7} = \frac{7}{3} \times \frac{13}{7} = \frac{91}{21} = \frac{13}{3} = 4\frac{1}{3}$$

$$4. 2\frac{6}{7} \times \frac{1}{2} = \frac{20}{7} \times \frac{1}{2} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

$$5. 3\frac{1}{2} \div \frac{1}{2} = \frac{7}{2} \div \frac{1}{2} = \frac{7}{2} \times \frac{2}{1} = \frac{14}{2} = 7$$

$$6. \frac{9}{7} \div \frac{1}{7} = \frac{9}{7} \div \frac{1}{7} = \frac{9}{7} \times \frac{7}{1} = \frac{63}{7} = 9$$

$$7. \frac{5}{2} \times 3\frac{1}{3} = \frac{5}{2} \times \frac{10}{3} = \frac{50}{6} = \frac{25}{3} = 8\frac{1}{3}$$

$$8. 1\frac{1}{2} \div 3\frac{1}{2} = \frac{3}{2} \div \frac{7}{2} = \frac{3}{2} \times \frac{2}{7} = \frac{6}{14} = \frac{3}{7}$$

$$9. \frac{3}{4} \div 3\frac{3}{4} = \frac{3}{4} \div \frac{15}{4} = \frac{3}{4} \times \frac{4}{15} = \frac{12}{60} = \frac{1}{5}$$

$$10. \frac{14}{9} \div \frac{2}{5} = \frac{14}{9} \times \frac{5}{2} = \frac{70}{18} = \frac{35}{9} = 3\frac{8}{9}$$