

Multiplying and Dividing Various Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{15}{4} \times 2\frac{1}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

3. $2\frac{2}{7} \div \frac{15}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $1\frac{2}{3} \times \frac{10}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $\frac{4}{5} \times \frac{29}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $\frac{7}{5} \div \frac{15}{7} = \text{---} \times \text{---} = \text{---}$

7. $\frac{27}{7} \div \frac{5}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $\frac{19}{6} \times \frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

Multiplying and Dividing Various Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{15}{4} \times 2\frac{1}{8} = \frac{15}{4} \times \frac{17}{8} = \frac{255}{32} = 7\frac{31}{32}$$

$$2. \frac{3}{2} \div \frac{4}{7} = \frac{3}{2} \times \frac{7}{4} = \frac{21}{8} = 2\frac{5}{8}$$

$$3. 2\frac{2}{7} \div \frac{15}{8} = \frac{16}{7} \div \frac{15}{8} = \frac{16}{7} \times \frac{8}{15} = \frac{128}{105} = 1\frac{23}{105}$$

$$4. 1\frac{2}{3} \times \frac{10}{3} = \frac{5}{3} \times \frac{10}{3} = \frac{50}{9} = 5\frac{5}{9}$$

$$5. \frac{4}{5} \times \frac{29}{9} = \frac{4}{5} \times \frac{29}{9} = \frac{116}{45} = 2\frac{26}{45}$$

$$6. \frac{7}{5} \div \frac{15}{7} = \frac{7}{5} \times \frac{7}{15} = \frac{49}{75}$$

$$7. \frac{27}{7} \div \frac{5}{2} = \frac{27}{7} \times \frac{2}{5} = \frac{54}{35} = 1\frac{19}{35}$$

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

$$9. \frac{19}{6} \times \frac{5}{6} = \frac{19}{6} \times \frac{5}{6} = \frac{95}{36} = 2\frac{23}{36}$$

$$10. \frac{1}{7} \div 3\frac{1}{2} = \frac{1}{7} \div \frac{7}{2} = \frac{1}{7} \times \frac{2}{7} = \frac{2}{49}$$