

Multiplying and Dividing Various Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{1}{6} \div 3\frac{1}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $2\frac{3}{8} \times \frac{9}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $3\frac{1}{4} \times \frac{20}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $\frac{9}{4} \times 1\frac{1}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

6. $2\frac{3}{4} \div 1\frac{2}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

8. $\frac{1}{9} \div \frac{19}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

9. $\frac{13}{4} \div \frac{4}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $3\frac{8}{9} \div \frac{5}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Various Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{6} \div 3\frac{1}{7} = \frac{19}{6} \div \frac{22}{7} = \frac{19}{6} \times \frac{7}{22} = \frac{133}{132} = 1\frac{1}{132}$$

$$2. \quad 2\frac{3}{8} \times \frac{9}{5} = \frac{19}{8} \times \frac{9}{5} = \frac{171}{40} = 4\frac{11}{40}$$

$$3. \quad 3\frac{1}{4} \times \frac{20}{9} = \frac{13}{4} \times \frac{20}{9} = \frac{260}{36} = \frac{65}{9} = 7\frac{2}{9}$$

$$4. \quad \frac{9}{4} \times 1\frac{1}{8} = \frac{9}{4} \times \frac{9}{8} = \frac{81}{32} = 2\frac{17}{32}$$

$$5. \quad 3\frac{1}{4} \times \frac{1}{2} = \frac{13}{4} \times \frac{1}{2} = \frac{13}{8} = 1\frac{5}{8}$$

$$6. \quad 2\frac{3}{4} \div 1\frac{2}{7} = \frac{11}{4} \div \frac{9}{7} = \frac{11}{4} \times \frac{7}{9} = \frac{77}{36} = 2\frac{5}{36}$$

$$7. \quad \frac{4}{9} \times \frac{9}{4} = \frac{4}{9} \times \frac{9}{4} = \frac{36}{36} = 1$$

$$8. \quad \frac{1}{9} \div \frac{19}{8} = \frac{1}{9} \div \frac{19}{8} = \frac{1}{9} \times \frac{8}{19} = \frac{8}{171}$$

$$9. \quad \frac{13}{4} \div \frac{4}{7} = \frac{13}{4} \times \frac{7}{4} = \frac{91}{16} = 5\frac{11}{16}$$

$$10. \quad 3\frac{8}{9} \div \frac{5}{2} = \frac{35}{9} \div \frac{5}{2} = \frac{35}{9} \times \frac{2}{5} = \frac{70}{45} = \frac{14}{9} = 1\frac{5}{9}$$