

Multiplying and Dividing Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{4} \times \frac{14}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $\frac{7}{4} \times \frac{19}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $\frac{17}{8} \div \frac{3}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4. $\frac{7}{4} \times \frac{11}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

8. $\frac{8}{3} \div \frac{6}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{5}{2} \div \frac{11}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $\frac{13}{6} \times \frac{6}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying and Dividing Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{5}{4} \times \frac{14}{9} = \frac{70}{36} = \frac{35}{18} = 1\frac{17}{18}$$

$$2. \frac{7}{4} \times \frac{19}{7} = \frac{133}{28} = \frac{19}{4} = 4\frac{3}{4}$$

$$3. \frac{17}{8} \div \frac{3}{2} = \frac{17}{8} \times \frac{2}{3} = \frac{34}{24} = \frac{17}{12} = 1\frac{5}{12}$$

$$4. \frac{7}{4} \times \frac{11}{7} = \frac{77}{28} = \frac{11}{4} = 2\frac{3}{4}$$

$$5. \frac{7}{6} \div \frac{3}{2} = \frac{7}{6} \times \frac{2}{3} = \frac{14}{18} = \frac{7}{9}$$

$$6. \frac{3}{2} \times \frac{5}{3} = \frac{15}{6} = \frac{5}{2} = 2\frac{1}{2}$$

$$7. \frac{13}{7} \div \frac{9}{7} = \frac{13}{7} \times \frac{7}{9} = \frac{91}{63} = \frac{13}{9} = 1\frac{4}{9}$$

$$8. \frac{8}{3} \div \frac{6}{5} = \frac{8}{3} \times \frac{5}{6} = \frac{40}{18} = \frac{20}{9} = 2\frac{2}{9}$$

$$9. \frac{5}{2} \div \frac{11}{4} = \frac{5}{2} \times \frac{4}{11} = \frac{20}{22} = \frac{10}{11}$$

$$10. \frac{13}{6} \times \frac{6}{5} = \frac{78}{30} = \frac{13}{5} = 2\frac{3}{5}$$