

Multiplying and Dividing Improper Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{23}{9} \div \frac{9}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $\frac{17}{9} \times \frac{8}{7} = \text{---} = \text{---}$

3. $\frac{16}{9} \times \frac{8}{3} = \text{---} = \text{---}$

4. $\frac{12}{5} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

6. $\frac{3}{2} \div \frac{13}{7} = \text{---} \times \text{---} = \text{---}$

7. $\frac{4}{3} \div \frac{9}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $\frac{13}{5} \times \frac{8}{7} = \text{---} = \text{---}$

9. $\frac{13}{5} \div \frac{14}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{12}{7} \times \frac{7}{6} = \text{---} = \text{---}$

Multiplying and Dividing Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{23}{9} \div \frac{9}{4} = \frac{23}{9} \times \frac{4}{9} = \frac{92}{81} = 1\frac{11}{81}$$

$$2. \quad \frac{17}{9} \times \frac{8}{7} = \frac{136}{63} = 2\frac{10}{63}$$

$$3. \quad \frac{16}{9} \times \frac{8}{3} = \frac{128}{27} = 4\frac{20}{27}$$

$$4. \quad \frac{12}{5} \div \frac{3}{2} = \frac{12}{5} \times \frac{2}{3} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

$$5. \quad \frac{3}{2} \times \frac{7}{5} = \frac{21}{10} = 2\frac{1}{10}$$

$$6. \quad \frac{3}{2} \div \frac{13}{7} = \frac{3}{2} \times \frac{7}{13} = \frac{21}{26}$$

$$7. \quad \frac{4}{3} \div \frac{9}{7} = \frac{4}{3} \times \frac{7}{9} = \frac{28}{27} = 1\frac{1}{27}$$

$$8. \quad \frac{13}{5} \times \frac{8}{7} = \frac{104}{35} = 2\frac{34}{35}$$

$$9. \quad \frac{13}{5} \div \frac{14}{9} = \frac{13}{5} \times \frac{9}{14} = \frac{117}{70} = 1\frac{47}{70}$$

$$10. \quad \frac{12}{7} \times \frac{7}{6} = \frac{84}{42} = 2$$