

Multiplying and Dividing Improper Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{20}{7} \div \frac{14}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

3. $\frac{17}{9} \times \frac{9}{4} = \text{---} = \text{---} = \text{---}$

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

5. $\frac{7}{3} \div \frac{11}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $\frac{3}{2} \times \frac{19}{9} = \text{---} = \text{---} = \text{---}$

7. $\frac{5}{2} \div \frac{9}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $\frac{13}{8} \div \frac{17}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\frac{5}{4} \div \frac{11}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{20}{9} \times \frac{3}{2} = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{20}{7} \div \frac{14}{5} = \frac{20}{7} \times \frac{5}{14} = \frac{100}{98} = \frac{50}{49} = 1\frac{1}{49}$$

$$2. \quad \frac{8}{3} \times \frac{9}{8} = \frac{72}{24} = 3$$

$$3. \quad \frac{17}{9} \times \frac{9}{4} = \frac{153}{36} = \frac{17}{4} = 4\frac{1}{4}$$

$$4. \quad \frac{3}{2} \times \frac{8}{7} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

$$5. \quad \frac{7}{3} \div \frac{11}{6} = \frac{7}{3} \times \frac{6}{11} = \frac{42}{33} = \frac{14}{11} = 1\frac{3}{11}$$

$$6. \quad \frac{3}{2} \times \frac{19}{9} = \frac{57}{18} = \frac{19}{6} = 3\frac{1}{6}$$

$$7. \quad \frac{5}{2} \div \frac{9}{4} = \frac{5}{2} \times \frac{4}{9} = \frac{20}{18} = \frac{10}{9} = 1\frac{1}{9}$$

$$8. \quad \frac{13}{8} \div \frac{17}{6} = \frac{13}{8} \times \frac{6}{17} = \frac{78}{136} = \frac{39}{68}$$

$$9. \quad \frac{5}{4} \div \frac{11}{4} = \frac{5}{4} \times \frac{4}{11} = \frac{20}{44} = \frac{5}{11}$$

$$10. \quad \frac{20}{9} \times \frac{3}{2} = \frac{60}{18} = \frac{10}{3} = 3\frac{1}{3}$$