

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $8 \times \frac{5}{6} =$

2. $\frac{7}{8} \times 6 =$

3. $\frac{5}{8} \times 4 =$

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

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

6. $\frac{6}{7} \div 6 =$

7. $8 \div \frac{3}{4} =$

8. $\frac{1}{8} \div 8 =$

9. $9 \div \frac{1}{2} =$

10. $\frac{1}{2} \div 9 =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 8 \times \frac{5}{6} = \frac{8}{1} \times \frac{5}{6} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$$

$$2. \quad \frac{7}{8} \times 6 = \frac{7}{8} \times \frac{6}{1} = \frac{42}{8} = \frac{21}{4} = 5\frac{1}{4}$$

$$3. \quad \frac{5}{8} \times 4 = \frac{5}{8} \times \frac{4}{1} = \frac{20}{8} = \frac{5}{2} = 2\frac{1}{2}$$

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

$$5. \quad 9 \times \frac{3}{8} = \frac{9}{1} \times \frac{3}{8} = \frac{27}{8} = 3\frac{3}{8}$$

$$6. \quad \frac{6}{7} \div 6 = \frac{6}{7} \div \frac{6}{1} = \frac{6}{7} \times \frac{1}{6} = \frac{6}{42} = \frac{1}{7}$$

$$7. \quad 8 \div \frac{3}{4} = \frac{8}{1} \div \frac{3}{4} = \frac{8}{1} \times \frac{4}{3} = \frac{32}{3} = 10\frac{2}{3}$$

$$8. \quad \frac{1}{8} \div 8 = \frac{1}{8} \div \frac{8}{1} = \frac{1}{8} \times \frac{1}{8} = \frac{1}{64}$$

$$9. \quad 9 \div \frac{1}{2} = \frac{9}{1} \div \frac{1}{2} = \frac{9}{1} \times \frac{2}{1} = 18$$

$$10. \quad \frac{1}{2} \div 9 = \frac{1}{2} \div \frac{9}{1} = \frac{1}{2} \times \frac{1}{9} = \frac{1}{18}$$