

Multiplying and Dividing Whole Numbers and Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $5 \div \frac{8}{3} =$

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

3. $5 \times \frac{5}{2} =$

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

5. $\frac{11}{6} \div 7 =$

6. $\frac{11}{4} \div 8 =$

7. $\frac{4}{3} \times 4 =$

8. $\frac{3}{2} \div 2 =$

9. $3 \times \frac{11}{8} =$

10. $8 \times \frac{8}{3} =$

Multiplying and Dividing Whole Numbers and Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 5 \div \frac{8}{3} = \frac{5}{1} \div \frac{8}{3} = \frac{5}{1} \times \frac{3}{8} = \frac{15}{8} = 1\frac{7}{8}$$

$$2. \quad 3 \times \frac{11}{4} = \frac{33}{4} = 8\frac{1}{4}$$

$$3. \quad 5 \times \frac{5}{2} = \frac{25}{2} = 12\frac{1}{2}$$

$$4. \quad 7 \div \frac{8}{7} = \frac{7}{1} \div \frac{8}{7} = \frac{7}{1} \times \frac{7}{8} = \frac{49}{8} = 6\frac{1}{8}$$

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

$$6. \quad \frac{11}{4} \div 8 = \frac{11}{4} \div \frac{8}{1} = \frac{11}{4} \times \frac{1}{8} = \frac{11}{32}$$

$$7. \quad \frac{4}{3} \times 4 = \frac{16}{3} = 5\frac{1}{3}$$

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

$$9. \quad 3 \times \frac{11}{8} = \frac{33}{8} = 4\frac{1}{8}$$

$$10. \quad 8 \times \frac{8}{3} = \frac{64}{3} = 21\frac{1}{3}$$