

Multiplying and Dividing Whole Numbers and Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \times \frac{11}{8} =$

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

3. $4 \times \frac{12}{5} =$

4. $6 \div \frac{8}{5} =$

5. $3 \div \frac{12}{5} =$

6. $2 \times \frac{9}{4} =$

7. $\frac{8}{3} \times 7 =$

8. $9 \div \frac{8}{3} =$

9. $\frac{7}{4} \div 9 =$

10. $4 \div \frac{3}{2} =$

Multiplying and Dividing Whole Numbers and Fractions (D) Answers

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Calculate each result.

$$1. \quad 6 \times \frac{11}{8} = \frac{66}{8} = \frac{33}{4} = 8\frac{1}{4}$$

$$2. \quad 4 \times \frac{7}{3} = \frac{28}{3} = 9\frac{1}{3}$$

$$3. \quad 4 \times \frac{12}{5} = \frac{48}{5} = 9\frac{3}{5}$$

$$4. \quad 6 \div \frac{8}{5} = \frac{6}{1} \div \frac{8}{5} = \frac{6}{1} \times \frac{5}{8} = \frac{30}{8} = \frac{15}{4} = 3\frac{3}{4}$$

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

$$6. \quad 2 \times \frac{9}{4} = \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

$$7. \quad \frac{8}{3} \times 7 = \frac{56}{3} = 18\frac{2}{3}$$

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

$$9. \quad \frac{7}{4} \div 9 = \frac{7}{4} \div \frac{9}{1} = \frac{7}{4} \times \frac{1}{9} = \frac{7}{36}$$

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