

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $4 \div \frac{4}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} =$

2. $5 \times \frac{11}{5} = \text{---} =$

3. $6 \div \frac{9}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4. $\frac{6}{5} \div 2 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

8. $6 \div \frac{8}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9. $7 \times \frac{10}{7} = \text{---} =$

10. $\frac{11}{4} \times 2 = \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

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

$$2. \quad 5 \times \frac{11}{5} = \frac{55}{5} = 11$$

$$3. \quad 6 \div \frac{9}{8} = \frac{6}{1} \div \frac{9}{8} = \frac{6}{1} \times \frac{8}{9} = \frac{48}{9} = \frac{16}{3} = 5\frac{1}{3}$$

$$4. \quad \frac{6}{5} \div 2 = \frac{6}{5} \div \frac{2}{1} = \frac{6}{5} \times \frac{1}{2} = \frac{6}{10} = \frac{3}{5}$$

$$5. \quad 2 \times \frac{5}{2} = \frac{10}{2} = 5$$

$$6. \quad \frac{4}{3} \times 9 = \frac{36}{3} = 12$$

$$7. \quad \frac{16}{9} \div 8 = \frac{16}{9} \div \frac{8}{1} = \frac{16}{9} \times \frac{1}{8} = \frac{16}{72} = \frac{2}{9}$$

$$8. \quad 6 \div \frac{8}{3} = \frac{6}{1} \div \frac{8}{3} = \frac{6}{1} \times \frac{3}{8} = \frac{18}{8} = \frac{9}{4} = 2\frac{1}{4}$$

$$9. \quad 7 \times \frac{10}{7} = \frac{70}{7} = 10$$

$$10. \quad \frac{11}{4} \times 2 = \frac{22}{4} = \frac{11}{2} = 5\frac{1}{2}$$