

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \times 3\frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $6 \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} =$

3. $9 \times 1\frac{2}{3} = \text{---} \times \text{---} = \text{---} =$

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

5. $2 \div 2\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

7. $1\frac{3}{4} \times 8 = \text{---} \times \text{---} = \text{---} =$

8. $9 \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} =$

9. $1\frac{1}{2} \div 3 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $3\frac{1}{3} \div 5 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 6 \times 3\frac{3}{4} = \frac{6}{1} \times \frac{15}{4} = \frac{90}{4} = \frac{45}{2} = 22\frac{1}{2}$$

$$2. \quad 6 \times 3\frac{1}{2} = \frac{6}{1} \times \frac{7}{2} = \frac{42}{2} = 21$$

$$3. \quad 9 \times 1\frac{2}{3} = \frac{9}{1} \times \frac{5}{3} = \frac{45}{3} = 15$$

$$4. \quad 9 \div 2\frac{2}{5} = \frac{9}{1} \div \frac{12}{5} = \frac{9}{1} \times \frac{5}{12} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

$$5. \quad 2 \div 2\frac{8}{9} = \frac{2}{1} \div \frac{26}{9} = \frac{2}{1} \times \frac{9}{26} = \frac{18}{26} = \frac{9}{13}$$

$$6. \quad 6 \times 2\frac{2}{9} = \frac{6}{1} \times \frac{20}{9} = \frac{120}{9} = \frac{40}{3} = 13\frac{1}{3}$$

$$7. \quad 1\frac{3}{4} \times 8 = \frac{7}{4} \times \frac{8}{1} = \frac{56}{4} = 14$$

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

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

$$10. \quad 3\frac{1}{3} \div 5 = \frac{10}{3} \div \frac{5}{1} = \frac{10}{3} \times \frac{1}{5} = \frac{10}{15} = \frac{2}{3}$$