

Multiplying and Dividing Whole Numbers and Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3 \times 1\frac{4}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4. $1\frac{1}{2} \times 8 = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $8 \div 1\frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $2\frac{3}{8} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

7. $1\frac{2}{3} \times 4 = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $9 \div 2\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $5 \div 3\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

10. $5 \div 3\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. 2 \times 3\frac{3}{4} = \frac{2}{1} \times \frac{15}{4} = \frac{30}{4} = \frac{15}{2} = 7\frac{1}{2}$$

$$2. 3 \times 1\frac{4}{7} = \frac{3}{1} \times \frac{11}{7} = \frac{33}{7} = 4\frac{5}{7}$$

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

$$4. 1\frac{1}{2} \times 8 = \frac{3}{2} \times \frac{8}{1} = \frac{24}{2} = 12$$

$$5. 8 \div 1\frac{7}{8} = \frac{8}{1} \div \frac{15}{8} = \frac{8}{1} \times \frac{8}{15} = \frac{64}{15} = 4\frac{4}{15}$$

$$6. 2\frac{3}{8} \div 6 = \frac{19}{8} \div \frac{6}{1} = \frac{19}{8} \times \frac{1}{6} = \frac{19}{48}$$

$$7. 1\frac{2}{3} \times 4 = \frac{5}{3} \times \frac{4}{1} = \frac{20}{3} = 6\frac{2}{3}$$

$$8. 9 \div 2\frac{3}{4} = \frac{9}{1} \div \frac{11}{4} = \frac{9}{1} \times \frac{4}{11} = \frac{36}{11} = 3\frac{3}{11}$$

$$9. 5 \div 3\frac{1}{3} = \frac{5}{1} \div \frac{10}{3} = \frac{5}{1} \times \frac{3}{10} = \frac{15}{10} = \frac{3}{2} = 1\frac{1}{2}$$

$$10. 5 \div 3\frac{3}{8} = \frac{5}{1} \div \frac{27}{8} = \frac{5}{1} \times \frac{8}{27} = \frac{40}{27} = 1\frac{13}{27}$$