

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $1\frac{5}{8} \times 3 = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $2\frac{1}{5} \times 4 = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $1\frac{2}{3} \div 8 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

6. $3 \div 3\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

7. $3\frac{2}{5} \times 3 = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $5 \div 3\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $8 \div 3\frac{6}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $3\frac{2}{3} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

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Calculate each result.

$$1. 3 \times 3\frac{1}{2} = \frac{3}{1} \times \frac{7}{2} = \frac{21}{2} = 10\frac{1}{2}$$

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

$$3. 1\frac{5}{8} \times 3 = \frac{13}{8} \times \frac{3}{1} = \frac{39}{8} = 4\frac{7}{8}$$

$$4. 2\frac{1}{5} \times 4 = \frac{11}{5} \times \frac{4}{1} = \frac{44}{5} = 8\frac{4}{5}$$

$$5. 1\frac{2}{3} \div 8 = \frac{5}{3} \div \frac{8}{1} = \frac{5}{3} \times \frac{1}{8} = \frac{5}{24}$$

$$6. 3 \div 3\frac{1}{5} = \frac{3}{1} \div \frac{16}{5} = \frac{3}{1} \times \frac{5}{16} = \frac{15}{16}$$

$$7. 3\frac{2}{5} \times 3 = \frac{17}{5} \times \frac{3}{1} = \frac{51}{5} = 10\frac{1}{5}$$

$$8. 5 \div 3\frac{1}{4} = \frac{5}{1} \div \frac{13}{4} = \frac{5}{1} \times \frac{4}{13} = \frac{20}{13} = 1\frac{7}{13}$$

$$9. 8 \div 3\frac{6}{7} = \frac{8}{1} \div \frac{27}{7} = \frac{8}{1} \times \frac{7}{27} = \frac{56}{27} = 2\frac{2}{27}$$

$$10. 3\frac{2}{3} \div 6 = \frac{11}{3} \div \frac{6}{1} = \frac{11}{3} \times \frac{1}{6} = \frac{11}{18}$$