

Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $3\frac{3}{7} \div 8 =$

3. $1\frac{3}{7} \times 7 =$

4. $2 \div 1\frac{1}{3} =$

5. $2\frac{4}{7} \div 9 =$

6. $2\frac{1}{2} \times 8 =$

7. $5 \div 3\frac{3}{4} =$

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

9. $8 \times 2\frac{1}{4} =$

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

Multiplying and Dividing Whole Numbers and Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. 4 \times 2\frac{5}{6} = \frac{4}{1} \times \frac{17}{6} = \frac{68}{6} = \frac{34}{3} = 11\frac{1}{3}$$

$$2. 3\frac{3}{7} \div 8 = \frac{24}{7} \div \frac{8}{1} = \frac{24}{7} \times \frac{1}{8} = \frac{24}{56} = \frac{3}{7}$$

$$3. 1\frac{3}{7} \times 7 = \frac{10}{7} \times \frac{7}{1} = \frac{70}{7} = 10$$

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

$$5. 2\frac{4}{7} \div 9 = \frac{18}{7} \div \frac{9}{1} = \frac{18}{7} \times \frac{1}{9} = \frac{18}{63} = \frac{2}{7}$$

$$6. 2\frac{1}{2} \times 8 = \frac{5}{2} \times \frac{8}{1} = \frac{40}{2} = 20$$

$$7. 5 \div 3\frac{3}{4} = \frac{5}{1} \div \frac{15}{4} = \frac{5}{1} \times \frac{4}{15} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$8. 5 \times 2\frac{1}{5} = \frac{5}{1} \times \frac{11}{5} = \frac{55}{5} = 11$$

$$9. 8 \times 2\frac{1}{4} = \frac{8}{1} \times \frac{9}{4} = \frac{72}{4} = 18$$

$$10. 2 \div 2\frac{2}{3} = \frac{2}{1} \div \frac{8}{3} = \frac{2}{1} \times \frac{3}{8} = \frac{6}{8} = \frac{3}{4}$$