

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $5 \div 2\frac{5}{8} =$

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

4. $2 \div 3\frac{2}{5} =$

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

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

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

8. $9 \div 2\frac{8}{9} =$

9. $6 \div 3\frac{4}{7} =$

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

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

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Score: _____

Calculate each result.

$$1. \quad 3\frac{1}{2} \times 7 = \frac{7}{2} \times \frac{7}{1} = \frac{49}{2} = 24\frac{1}{2}$$

$$2. \quad 5 \div 2\frac{5}{8} = \frac{5}{1} \div \frac{21}{8} = \frac{5}{1} \times \frac{8}{21} = \frac{40}{21} = 1\frac{19}{21}$$

$$3. \quad 2 \times 1\frac{3}{5} = \frac{2}{1} \times \frac{8}{5} = \frac{16}{5} = 3\frac{1}{5}$$

$$4. \quad 2 \div 3\frac{2}{5} = \frac{2}{1} \div \frac{17}{5} = \frac{2}{1} \times \frac{5}{17} = \frac{10}{17}$$

$$5. \quad 9 \times 2\frac{5}{8} = \frac{9}{1} \times \frac{21}{8} = \frac{189}{8} = 23\frac{5}{8}$$

$$6. \quad 6 \div 1\frac{2}{3} = \frac{6}{1} \div \frac{5}{3} = \frac{6}{1} \times \frac{3}{5} = \frac{18}{5} = 3\frac{3}{5}$$

$$7. \quad 4 \times 3\frac{1}{3} = \frac{4}{1} \times \frac{10}{3} = \frac{40}{3} = 13\frac{1}{3}$$

$$8. \quad 9 \div 2\frac{8}{9} = \frac{9}{1} \div \frac{26}{9} = \frac{9}{1} \times \frac{9}{26} = \frac{81}{26} = 3\frac{3}{26}$$

$$9. \quad 6 \div 3\frac{4}{7} = \frac{6}{1} \div \frac{25}{7} = \frac{6}{1} \times \frac{7}{25} = \frac{42}{25} = 1\frac{17}{25}$$

$$10. \quad 2 \times 3\frac{2}{3} = \frac{2}{1} \times \frac{11}{3} = \frac{22}{3} = 7\frac{1}{3}$$