

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $6 \div 3\frac{1}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $5 \times 2\frac{6}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

6. $1\frac{1}{3} \div 7 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

9. $2\frac{1}{2} \div 6 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10. $2\frac{1}{2} \times 5 = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

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Calculate each result.

$$1. 6 \div 3\frac{1}{8} = \frac{6}{1} \div \frac{25}{8} = \frac{6}{1} \times \frac{8}{25} = \frac{48}{25} = 1\frac{23}{25}$$

$$2. 5 \times 2\frac{6}{7} = \frac{5}{1} \times \frac{20}{7} = \frac{100}{7} = 14\frac{2}{7}$$

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

$$4. 4 \times 2\frac{1}{3} = \frac{4}{1} \times \frac{7}{3} = \frac{28}{3} = 9\frac{1}{3}$$

$$5. 7 \div 2\frac{3}{5} = \frac{7}{1} \div \frac{13}{5} = \frac{7}{1} \times \frac{5}{13} = \frac{35}{13} = 2\frac{9}{13}$$

$$6. 1\frac{1}{3} \div 7 = \frac{4}{3} \div \frac{7}{1} = \frac{4}{3} \times \frac{1}{7} = \frac{4}{21}$$

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

$$8. 3 \times 2\frac{8}{9} = \frac{3}{1} \times \frac{26}{9} = \frac{78}{9} = \frac{26}{3} = 8\frac{2}{3}$$

$$9. 2\frac{1}{2} \div 6 = \frac{5}{2} \div \frac{6}{1} = \frac{5}{2} \times \frac{1}{6} = \frac{5}{12}$$

$$10. 2\frac{1}{2} \times 5 = \frac{5}{2} \times \frac{5}{1} = \frac{25}{2} = 12\frac{1}{2}$$