

Multiplying and Dividing Proper and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{5}{8} \div 3\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

2. $1\frac{1}{4} \times \frac{5}{7} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

7. $\frac{3}{8} \div 1\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

8. $1\frac{7}{8} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---}$

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

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

Multiplying and Dividing Proper and Mixed Fractions (B) Answers

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Date: _____

Score: _____

Calculate each result.

$$1. \frac{5}{8} \div 3\frac{5}{9} = \frac{5}{8} \div \frac{32}{9} = \frac{5}{8} \times \frac{9}{32} = \frac{45}{256}$$

$$2. 1\frac{1}{4} \times \frac{5}{7} = \frac{5}{4} \times \frac{5}{7} = \frac{25}{28}$$

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

$$4. \frac{2}{3} \div 2\frac{1}{9} = \frac{2}{3} \div \frac{19}{9} = \frac{2}{3} \times \frac{9}{19} = \frac{18}{57} = \frac{6}{19}$$

$$5. \frac{1}{6} \times 3\frac{1}{8} = \frac{1}{6} \times \frac{25}{8} = \frac{25}{48}$$

$$6. \frac{1}{4} \div 1\frac{5}{8} = \frac{1}{4} \div \frac{13}{8} = \frac{1}{4} \times \frac{8}{13} = \frac{8}{52} = \frac{2}{13}$$

$$7. \frac{3}{8} \div 1\frac{8}{9} = \frac{3}{8} \div \frac{17}{9} = \frac{3}{8} \times \frac{9}{17} = \frac{27}{136}$$

$$8. 1\frac{7}{8} \times \frac{1}{2} = \frac{15}{8} \times \frac{1}{2} = \frac{15}{16}$$

$$9. \frac{2}{3} \div 2\frac{1}{2} = \frac{2}{3} \div \frac{5}{2} = \frac{2}{3} \times \frac{2}{5} = \frac{4}{15}$$

$$10. \frac{1}{5} \times 2\frac{1}{3} = \frac{1}{5} \times \frac{7}{3} = \frac{7}{15}$$