

Multiplying and Dividing Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

3. $1\frac{1}{2} \times 1\frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

6. $5\frac{4}{5} \times 3\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7. $3\frac{1}{2} \div 3\frac{5}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $2\frac{3}{7} \div 3\frac{6}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $3\frac{2}{3} \div 1\frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $2\frac{7}{9} \times 1\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Mixed Fractions (B) Answers

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Calculate each result.

$$1. \quad 4\frac{1}{2} \times 1\frac{2}{3} = \frac{9}{2} \times \frac{5}{3} = \frac{45}{6} = \frac{15}{2} = 7\frac{1}{2}$$

$$2. \quad 4\frac{1}{2} \div 1\frac{4}{7} = \frac{9}{2} \div \frac{11}{7} = \frac{9}{2} \times \frac{7}{11} = \frac{63}{22} = 2\frac{19}{22}$$

$$3. \quad 1\frac{1}{2} \times 1\frac{5}{6} = \frac{3}{2} \times \frac{11}{6} = \frac{33}{12} = \frac{11}{4} = 2\frac{3}{4}$$

$$4. \quad 1\frac{1}{2} \div 3\frac{3}{4} = \frac{3}{2} \div \frac{15}{4} = \frac{3}{2} \times \frac{4}{15} = \frac{12}{30} = \frac{2}{5}$$

$$5. \quad 5\frac{1}{2} \times 4\frac{1}{2} = \frac{11}{2} \times \frac{9}{2} = \frac{99}{4} = 24\frac{3}{4}$$

$$6. \quad 5\frac{4}{5} \times 3\frac{1}{3} = \frac{29}{5} \times \frac{10}{3} = \frac{290}{15} = \frac{58}{3} = 19\frac{1}{3}$$

$$7. \quad 3\frac{1}{2} \div 3\frac{5}{8} = \frac{7}{2} \div \frac{29}{8} = \frac{7}{2} \times \frac{8}{29} = \frac{56}{58} = \frac{28}{29}$$

$$8. \quad 2\frac{3}{7} \div 3\frac{6}{7} = \frac{17}{7} \div \frac{27}{7} = \frac{17}{7} \times \frac{7}{27} = \frac{119}{189} = \frac{17}{27}$$

$$9. \quad 3\frac{2}{3} \div 1\frac{3}{5} = \frac{11}{3} \div \frac{8}{5} = \frac{11}{3} \times \frac{5}{8} = \frac{55}{24} = 2\frac{7}{24}$$

$$10. \quad 2\frac{7}{9} \times 1\frac{2}{3} = \frac{25}{9} \times \frac{5}{3} = \frac{125}{27} = 4\frac{17}{27}$$