

Multiplying and Dividing Various Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $1\frac{3}{5} \times \frac{27}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $\frac{19}{5} \times \frac{3}{4} = \text{---} = \text{---}$

3. $\frac{17}{5} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $1\frac{5}{6} \div \frac{12}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

6. $2\frac{5}{7} \times 1\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{23}{7} \div \frac{7}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9. $\frac{6}{7} \div 3\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10. $\frac{32}{9} \div \frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (B) Answers

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Score: _____

Calculate each result.

$$1. \quad 1\frac{3}{5} \times \frac{27}{7} = \frac{8}{5} \times \frac{27}{7} = \frac{216}{35} = 6\frac{6}{35}$$

$$2. \quad \frac{19}{5} \times \frac{3}{4} = \frac{57}{20} = 2\frac{17}{20}$$

$$3. \quad \frac{17}{5} \times 3\frac{1}{2} = \frac{17}{5} \times \frac{7}{2} = \frac{119}{10} = 11\frac{9}{10}$$

$$4. \quad 1\frac{5}{6} \div \frac{12}{5} = \frac{11}{6} \div \frac{12}{5} = \frac{11}{6} \times \frac{5}{12} = \frac{55}{72}$$

$$5. \quad \frac{1}{5} \times 1\frac{1}{3} = \frac{1}{5} \times \frac{4}{3} = \frac{4}{15}$$

$$6. \quad 2\frac{5}{7} \times 1\frac{1}{3} = \frac{19}{7} \times \frac{4}{3} = \frac{76}{21} = 3\frac{13}{21}$$

$$7. \quad \frac{23}{7} \div \frac{7}{5} = \frac{23}{7} \times \frac{5}{7} = \frac{115}{49} = 2\frac{17}{49}$$

$$8. \quad \frac{5}{6} \div 1\frac{1}{5} = \frac{5}{6} \div \frac{6}{5} = \frac{5}{6} \times \frac{5}{6} = \frac{25}{36}$$

$$9. \quad \frac{6}{7} \div 3\frac{2}{5} = \frac{6}{7} \div \frac{17}{5} = \frac{6}{7} \times \frac{5}{17} = \frac{30}{119}$$

$$10. \quad \frac{32}{9} \div \frac{1}{4} = \frac{32}{9} \times \frac{4}{1} = \frac{128}{9} = 14\frac{2}{9}$$