

Multiplying and Dividing Proper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

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

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

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

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

6. $1\frac{1}{5} \div \frac{5}{6} =$

7. $\frac{1}{8} \div 1\frac{1}{5} =$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (J) Answers

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Calculate each result.

$$1. \quad 3\frac{2}{3} \times \frac{2}{7} = \frac{11}{3} \times \frac{2}{7} = \frac{22}{21} = 1\frac{1}{21}$$

$$2. \quad 2\frac{1}{9} \times \frac{1}{4} = \frac{19}{9} \times \frac{1}{4} = \frac{19}{36}$$

$$3. \quad 2\frac{2}{3} \div \frac{3}{5} = \frac{8}{3} \div \frac{3}{5} = \frac{8}{3} \times \frac{5}{3} = \frac{40}{9} = 4\frac{4}{9}$$

$$4. \quad 1\frac{4}{7} \div \frac{2}{3} = \frac{11}{7} \div \frac{2}{3} = \frac{11}{7} \times \frac{3}{2} = \frac{33}{14} = 2\frac{5}{14}$$

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

$$6. \quad 1\frac{1}{5} \div \frac{5}{6} = \frac{6}{5} \div \frac{5}{6} = \frac{6}{5} \times \frac{6}{5} = \frac{36}{25} = 1\frac{11}{25}$$

$$7. \quad \frac{1}{8} \div 1\frac{1}{5} = \frac{1}{8} \div \frac{6}{5} = \frac{1}{8} \times \frac{5}{6} = \frac{5}{48}$$

$$8. \quad \frac{3}{4} \times 1\frac{1}{4} = \frac{3}{4} \times \frac{5}{4} = \frac{15}{16}$$

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

$$10. \quad 1\frac{1}{3} \times \frac{2}{5} = \frac{4}{3} \times \frac{2}{5} = \frac{8}{15}$$