

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $8 \div 3\frac{7}{9} =$

3. $6 \div 3\frac{3}{7} =$

4. $6 \div 1\frac{1}{2} =$

5. $2\frac{2}{3} \div 8 =$

6. $8 \div 1\frac{3}{5} =$

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

8. $2\frac{4}{7} \div 8 =$

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

10. $2\frac{2}{5} \div 4 =$

Dividing Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad 2\frac{2}{7} \div 4 = \frac{16}{7} \div \frac{4}{1} = \frac{16}{7} \times \frac{1}{4} = \frac{16}{28} = \frac{4}{7}$$

$$2. \quad 8 \div 3\frac{7}{9} = \frac{8}{1} \div \frac{34}{9} = \frac{8}{1} \times \frac{9}{34} = \frac{72}{34} = \frac{36}{17} = 2\frac{2}{17}$$

$$3. \quad 6 \div 3\frac{3}{7} = \frac{6}{1} \div \frac{24}{7} = \frac{6}{1} \times \frac{7}{24} = \frac{42}{24} = \frac{7}{4} = 1\frac{3}{4}$$

$$4. \quad 6 \div 1\frac{1}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$$

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

$$6. \quad 8 \div 1\frac{3}{5} = \frac{8}{1} \div \frac{8}{5} = \frac{8}{1} \times \frac{5}{8} = \frac{40}{8} = 5$$

$$7. \quad 2 \div 3\frac{3}{7} = \frac{2}{1} \div \frac{24}{7} = \frac{2}{1} \times \frac{7}{24} = \frac{14}{24} = \frac{7}{12}$$

$$8. \quad 2\frac{4}{7} \div 8 = \frac{18}{7} \div \frac{8}{1} = \frac{18}{7} \times \frac{1}{8} = \frac{18}{56} = \frac{9}{28}$$

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

$$10. \quad 2\frac{2}{5} \div 4 = \frac{12}{5} \div \frac{4}{1} = \frac{12}{5} \times \frac{1}{4} = \frac{12}{20} = \frac{3}{5}$$