

Multiplying and Dividing Various Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{5} \times 2\frac{1}{2} =$

2. $\frac{2}{3} \times \frac{20}{9} =$

3. $\frac{1}{3} \times \frac{23}{7} =$

4. $\frac{8}{7} \div \frac{1}{2} =$

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

6. $\frac{3}{2} \times \frac{2}{3} =$

7. $2\frac{4}{5} \div \frac{1}{2} =$

8. $1\frac{6}{7} \div \frac{17}{9} =$

9. $\frac{32}{9} \times \frac{8}{3} =$

10. $\frac{29}{8} \div \frac{5}{2} =$

Multiplying and Dividing Various Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{11}{5} \times 2\frac{1}{2} = \frac{11}{5} \times \frac{5}{2} = \frac{55}{10} = \frac{11}{2} = 5\frac{1}{2}$$

$$2. \quad \frac{2}{3} \times \frac{20}{9} = \frac{40}{27} = 1\frac{13}{27}$$

$$3. \quad \frac{1}{3} \times \frac{23}{7} = \frac{1}{3} \times \frac{23}{7} = \frac{23}{21} = 1\frac{2}{21}$$

$$4. \quad \frac{8}{7} \div \frac{1}{2} = \frac{8}{7} \div \frac{1}{2} = \frac{8}{7} \times \frac{2}{1} = \frac{16}{7} = 2\frac{2}{7}$$

$$5. \quad 3\frac{2}{3} \div \frac{5}{3} = \frac{11}{3} \div \frac{5}{3} = \frac{11}{3} \times \frac{3}{5} = \frac{33}{15} = \frac{11}{5} = 2\frac{1}{5}$$

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

$$7. \quad 2\frac{4}{5} \div \frac{1}{2} = \frac{14}{5} \div \frac{1}{2} = \frac{14}{5} \times \frac{2}{1} = \frac{28}{5} = 5\frac{3}{5}$$

$$8. \quad 1\frac{6}{7} \div \frac{17}{9} = \frac{13}{7} \div \frac{17}{9} = \frac{13}{7} \times \frac{9}{17} = \frac{117}{119}$$

$$9. \quad \frac{32}{9} \times \frac{8}{3} = \frac{256}{27} = 9\frac{13}{27}$$

$$10. \quad \frac{29}{8} \div \frac{5}{2} = \frac{29}{8} \times \frac{2}{5} = \frac{58}{40} = \frac{29}{20} = 1\frac{9}{20}$$