

Operations with Two Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{1}{6} \div 5\frac{1}{2} =$

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

3. $5\frac{1}{3} \div 2\frac{6}{11} =$

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

5. $1\frac{1}{3} \times 5\frac{3}{8} =$

6. $5\frac{2}{3} + 1\frac{1}{3} =$

7. $5\frac{3}{4} \times 1\frac{1}{3} =$

8. $5\frac{5}{8} - 4\frac{3}{8} =$

9. $5\frac{4}{5} + 1\frac{1}{5} =$

10. $5\frac{1}{2} + 2\frac{1}{2} =$

Operations with Two Mixed Fractions (J) Answers

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Calculate each result.

$$1. \quad 3\frac{1}{6} \div 5\frac{1}{2} = \frac{19}{6} \div \frac{11}{2} = \frac{19}{6} \times \frac{2}{11} = \frac{38}{66} = \frac{19}{33}$$

$$2. \quad 5\frac{2}{5} \div 5\frac{1}{5} = \frac{27}{5} \div \frac{26}{5} = \frac{27}{5} \times \frac{5}{26} = \frac{135}{130} = \frac{27}{26} = 1\frac{1}{26}$$

$$3. \quad 5\frac{1}{3} \div 2\frac{6}{11} = \frac{16}{3} \div \frac{28}{11} = \frac{16}{3} \times \frac{11}{28} = \frac{176}{84} = \frac{44}{21} = 2\frac{2}{21}$$

$$4. \quad 5\frac{1}{2} - 4\frac{1}{2} = \frac{11}{2} - \frac{9}{2} = \frac{2}{2} = 1$$

$$5. \quad 1\frac{1}{3} \times 5\frac{3}{8} = \frac{4}{3} \times \frac{43}{8} = \frac{172}{24} = \frac{43}{6} = 7\frac{1}{6}$$

$$6. \quad 5\frac{2}{3} + 1\frac{1}{3} = \frac{17}{3} + \frac{4}{3} = \frac{21}{3} = \frac{7}{1} = 7$$

$$7. \quad 5\frac{3}{4} \times 1\frac{1}{3} = \frac{23}{4} \times \frac{4}{3} = \frac{92}{12} = \frac{23}{3} = 7\frac{2}{3}$$

$$8. \quad 5\frac{5}{8} - 4\frac{3}{8} = \frac{45}{8} - \frac{35}{8} = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$$

$$9. \quad 5\frac{4}{5} + 1\frac{1}{5} = \frac{29}{5} + \frac{6}{5} = \frac{35}{5} = \frac{7}{1} = 7$$

$$10. \quad 5\frac{1}{2} + 2\frac{1}{2} = \frac{11}{2} + \frac{5}{2} = \frac{16}{2} = \frac{8}{1} = 8$$