

Multiplying Mixed Fractions (J)

Name: _____

Date: _____

Score: _____ /10

Multiply, simplify and express the product as a mixed fraction.

1. $2\frac{1}{2} \times 3\frac{1}{6} \times 3\frac{8}{9} = \underline{\quad} = \underline{\quad}$

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

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

4. $2\frac{5}{6} \times 4\frac{1}{2} \times 4\frac{4}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $5\frac{6}{7} \times 1\frac{5}{6} \times 3\frac{7}{8} = \underline{\quad} = \underline{\quad}$

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

7. $5\frac{2}{5} \times 4\frac{5}{7} \times 1\frac{2}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $4\frac{2}{3} \times 3\frac{1}{2} \times 5\frac{5}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $5\frac{4}{5} \times 4\frac{2}{3} \times 4\frac{5}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $4\frac{3}{7} \times 5\frac{8}{9} \times 5\frac{1}{8} = \underline{\quad} = \underline{\quad}$

Multiplying Mixed Fractions (J) Answers

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Multiply, simplify and express the product as a mixed fraction.

$$1. \quad 2\frac{1}{2} \times 3\frac{1}{6} \times 3\frac{8}{9} = \frac{3325}{108} = 30\frac{85}{108}$$

$$2. \quad 2\frac{1}{3} \times 5\frac{3}{8} \times 3\frac{3}{8} = \frac{8127}{192} = \frac{2709}{64} = 42\frac{21}{64}$$

$$3. \quad 4\frac{1}{2} \times 2\frac{1}{4} \times 4\frac{1}{6} = \frac{2025}{48} = \frac{675}{16} = 42\frac{3}{16}$$

$$4. \quad 2\frac{5}{6} \times 4\frac{1}{2} \times 4\frac{4}{9} = \frac{6120}{108} = \frac{170}{3} = 56\frac{2}{3}$$

$$5. \quad 5\frac{6}{7} \times 1\frac{5}{6} \times 3\frac{7}{8} = \frac{13981}{336} = 41\frac{205}{336}$$

$$6. \quad 2\frac{1}{3} \times 2\frac{2}{3} \times 4\frac{1}{6} = \frac{1400}{54} = \frac{700}{27} = 25\frac{25}{27}$$

$$7. \quad 5\frac{2}{5} \times 4\frac{5}{7} \times 1\frac{2}{3} = \frac{4455}{105} = \frac{297}{7} = 42\frac{3}{7}$$

$$8. \quad 4\frac{2}{3} \times 3\frac{1}{2} \times 5\frac{5}{6} = \frac{3430}{36} = \frac{1715}{18} = 95\frac{5}{18}$$

$$9. \quad 5\frac{4}{5} \times 4\frac{2}{3} \times 4\frac{5}{6} = \frac{11774}{90} = \frac{5887}{45} = 130\frac{37}{45}$$

$$10. \quad 4\frac{3}{7} \times 5\frac{8}{9} \times 5\frac{1}{8} = \frac{67363}{504} = 133\frac{331}{504}$$