

Multiplying Mixed Fractions (E)

Name: _____

Date: _____

Score: _____ /10

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

1. $2\frac{1}{2} \times \frac{17}{9} \times \frac{3}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

4. $\frac{7}{3} \times 2\frac{1}{6} \times \frac{1}{4} = \underline{\quad} = \underline{\quad}$

5. $\frac{1}{9} \times \frac{18}{7} \times 2\frac{2}{3} = \underline{\quad} = \underline{\quad}$

6. $\frac{7}{6} \times \frac{1}{3} \times \frac{17}{8} = \underline{\quad}$

7. $\frac{1}{5} \times \frac{8}{3} \times \frac{32}{9} = \underline{\quad} = \underline{\quad}$

8. $2\frac{3}{4} \times \frac{1}{6} \times \frac{25}{8} = \underline{\quad} = \underline{\quad}$

9. $3\frac{1}{3} \times \frac{7}{8} \times \frac{25}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10. $3\frac{1}{3} \times \frac{4}{9} \times \frac{13}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

Multiplying Mixed Fractions (E) Answers

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

$$1. \quad 2\frac{1}{2} \times \frac{17}{9} \times \frac{3}{4} = \frac{255}{72} = \frac{85}{24} = 3\frac{13}{24}$$

$$2. \quad \frac{8}{3} \times \frac{2}{3} \times 1\frac{1}{3} = \frac{64}{27} = 2\frac{10}{27}$$

$$3. \quad \frac{4}{7} \times 2\frac{3}{4} \times \frac{5}{3} = \frac{220}{84} = \frac{55}{21} = 2\frac{13}{21}$$

$$4. \quad \frac{7}{3} \times 2\frac{1}{6} \times \frac{1}{4} = \frac{91}{72} = 1\frac{19}{72}$$

$$5. \quad \frac{1}{9} \times \frac{18}{7} \times 2\frac{2}{3} = \frac{144}{189} = \frac{16}{21}$$

$$6. \quad \frac{7}{6} \times \frac{1}{3} \times \frac{17}{8} = \frac{119}{144}$$

$$7. \quad \frac{1}{5} \times \frac{8}{3} \times \frac{32}{9} = \frac{256}{135} = 1\frac{121}{135}$$

$$8. \quad 2\frac{3}{4} \times \frac{1}{6} \times \frac{25}{8} = \frac{275}{192} = 1\frac{83}{192}$$

$$9. \quad 3\frac{1}{3} \times \frac{7}{8} \times \frac{25}{8} = \frac{1750}{192} = \frac{875}{96} = 9\frac{11}{96}$$

$$10. \quad 3\frac{1}{3} \times \frac{4}{9} \times \frac{13}{4} = \frac{520}{108} = \frac{130}{27} = 4\frac{22}{27}$$