Multiplying Fractions (E)

Name: _____   Date: _____   Score: _____

Calculate each product.

1. $3\dfrac{7}{9} \times \dfrac{1}{8} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

2. $\dfrac{1}{4} \times 3\dfrac{1}{2} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

3. $2\dfrac{1}{2} \times \dfrac{1}{3} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

4. $\dfrac{1}{3} \times 1\dfrac{2}{7} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

5. $\dfrac{2}{3} \times 1\dfrac{1}{9} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

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

7. $\dfrac{1}{2} \times 1\dfrac{7}{8} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

8. $2\dfrac{5}{7} \times \dfrac{1}{5} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

9. $1\dfrac{8}{9} \times \dfrac{1}{2} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

10. $2\dfrac{1}{6} \times \dfrac{1}{4} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

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Multiplying Fractions (E) Answers

Calculate each product.

1. $3\dfrac{7}{9} \times \dfrac{1}{8} = \dfrac{34}{9} \times \dfrac{1}{8} = \dfrac{34}{72} = \dfrac{17}{36}$

2. $\dfrac{1}{4} \times 3\dfrac{1}{2} = \dfrac{1}{4} \times \dfrac{7}{2} = \dfrac{7}{8}$

3. $2\dfrac{1}{2} \times \dfrac{1}{3} = \dfrac{5}{2} \times \dfrac{1}{3} = \dfrac{5}{6}$

4. $\dfrac{1}{3} \times 1\dfrac{2}{7} = \dfrac{1}{3} \times \dfrac{9}{7} = \dfrac{9}{21} = \dfrac{3}{7}$

5. $\dfrac{2}{3} \times 1\dfrac{1}{9} = \dfrac{2}{3} \times \dfrac{10}{9} = \dfrac{20}{27}$

6. $3\dfrac{1}{2} \times \dfrac{1}{4} = \dfrac{7}{2} \times \dfrac{1}{4} = \dfrac{7}{8}$

7. $\dfrac{1}{2} \times 1\dfrac{7}{8} = \dfrac{1}{2} \times \dfrac{15}{8} = \dfrac{15}{16}$

8. $2\dfrac{5}{7} \times \dfrac{1}{5} = \dfrac{19}{7} \times \dfrac{1}{5} = \dfrac{19}{35}$

9. $1\dfrac{8}{9} \times \dfrac{1}{2} = \dfrac{17}{9} \times \dfrac{1}{2} = \dfrac{17}{18}$

10. $2\dfrac{1}{6} \times \dfrac{1}{4} = \dfrac{13}{6} \times \dfrac{1}{4} = \dfrac{13}{24}$

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