Multiplication and Division of Fractions #1

Directions: Read each problem carefully. Fill in the circle that shows the correct answer in its lowest terms..

1. $2\dfrac{4}{5} \times \dfrac{2}{3} =$

Ⓐ $\dfrac{13}{15}$ Ⓒ $1\dfrac{13}{15}$

Ⓑ $\dfrac{15}{13}$ Ⓓ none of these

2. $\dfrac{9}{10} \div 7 =$

Ⓔ $\dfrac{9}{70}$ Ⓖ $\dfrac{63}{70}$

Ⓕ $\dfrac{70}{9}$ Ⓗ $\dfrac{70}{62}$

3. $2\dfrac{1}{5} \times 7\dfrac{9}{12} =$

Ⓐ $\dfrac{1}{20}$ Ⓒ $\dfrac{3}{60}$

Ⓑ $17\dfrac{3}{60}$ Ⓓ $17\dfrac{1}{20}$

4. $2\dfrac{9}{20} \div \dfrac{7}{10} =$

Ⓔ $\dfrac{490}{540}$ Ⓖ $\dfrac{10}{12}$

Ⓕ $\dfrac{90}{108}$ Ⓗ $3\dfrac{1}{2}$

5. $3 \times \dfrac{7}{9} =$

Ⓐ $2\dfrac{1}{3}$ Ⓒ $\dfrac{3}{9}$

Ⓑ $2\dfrac{3}{9}$ Ⓓ none of these

6. $4\dfrac{3}{20} \div 7$

Ⓔ $\dfrac{581}{20}$ Ⓖ $\dfrac{140}{83}$

Ⓕ $\dfrac{83}{140}$ Ⓗ none of these

7. $10\dfrac{2}{9} \times 7\dfrac{1}{8} =$

Ⓐ $72\dfrac{30}{36}$ Ⓒ 72

Ⓑ $72\dfrac{5}{6}$ Ⓓ none of these

8. $\dfrac{2}{3} \div 3\dfrac{1}{3} =$

Ⓔ $\dfrac{1}{6}$ Ⓖ $\dfrac{4}{9}$

Ⓕ $\dfrac{5}{1}$ Ⓗ $\dfrac{1}{5}$

STOP