Multiplying Fractions (E)

Name: _____ Date: _____ Score: _____

Calculate each product.

1. $2\dfrac{1}{2} \times 3\dfrac{1}{3}$ = —— × —— = —— = —— = ——

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

3. $\dfrac{7}{2} \times \dfrac{14}{5}$ = —— = —— = ——

4. $3\dfrac{3}{7} \times 3\dfrac{5}{6}$ = —— × —— = —— = —— = ——

5. $\dfrac{7}{3} \times \dfrac{15}{7}$ = —— =

6. $\dfrac{1}{4} \times 1\dfrac{1}{3}$ = —— × —— = —— = ——

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

8. $1\dfrac{4}{5} \times \dfrac{5}{6}$ = —— × —— = —— = —— = ——

9. $\dfrac{19}{5} \times \dfrac{10}{9}$ = —— = —— = ——

10. $2\dfrac{1}{3} \times \dfrac{4}{7}$ = —— × —— = —— = —— = ——

Multiplying Fractions (E) Answers

Name: _____   Date: _____   Score: _____

Calculate each product.

1. $2\dfrac{1}{2} \times 3\dfrac{1}{3} = \dfrac{5}{2} \times \dfrac{10}{3} = \dfrac{50}{6} = \dfrac{25}{3} = 8\dfrac{1}{3}$

2. $2\dfrac{7}{8} \times 3\dfrac{1}{7} = \dfrac{23}{8} \times \dfrac{22}{7} = \dfrac{506}{56} = \dfrac{253}{28} = 9\dfrac{1}{28}$

3. $\dfrac{7}{2} \times \dfrac{14}{5} = \dfrac{98}{10} = \dfrac{49}{5} = 9\dfrac{4}{5}$

4. $3\dfrac{3}{7} \times 3\dfrac{5}{6} = \dfrac{24}{7} \times \dfrac{23}{6} = \dfrac{552}{42} = \dfrac{92}{7} = 13\dfrac{1}{7}$

5. $\dfrac{7}{3} \times \dfrac{15}{7} = \dfrac{105}{21} = 5$

6. $\dfrac{1}{4} \times 1\dfrac{1}{3} = \dfrac{1}{4} \times \dfrac{4}{3} = \dfrac{4}{12} = \dfrac{1}{3}$

7. $\dfrac{1}{2} \times \dfrac{4}{5} = \dfrac{4}{10} = \dfrac{2}{5}$

8. $1\dfrac{4}{5} \times \dfrac{5}{6} = \dfrac{9}{5} \times \dfrac{5}{6} = \dfrac{45}{30} = \dfrac{3}{2} = 1\dfrac{1}{2}$

9. $\dfrac{19}{5} \times \dfrac{10}{9} = \dfrac{190}{45} = \dfrac{38}{9} = 4\dfrac{2}{9}$

10. $2\dfrac{1}{3} \times \dfrac{4}{7} = \dfrac{7}{3} \times \dfrac{4}{7} = \dfrac{28}{21} = \dfrac{4}{3} = 1\dfrac{1}{3}$