Multiplying Fractions (J)

Name: _____   Date: _____   Score: _____

Calculate each product.

1. $\dfrac{3}{4} \times 3\dfrac{7}{9}$ = —— × —— = —— = —— = ——

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

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

4. $\dfrac{3}{2} \times \dfrac{13}{9}$ = —— = —— = ——

5. $\dfrac{1}{5} \times \dfrac{1}{9}$ = —— × —— = ——

6. $\dfrac{5}{2} \times \dfrac{15}{4}$ = —— = ——

7. $\dfrac{18}{5} \times 1\dfrac{3}{5}$ = —— × —— = —— = ——

8. $\dfrac{32}{9} \times \dfrac{2}{5}$ = —— = ——

9. $\dfrac{8}{9} \times \dfrac{11}{3}$ = —— = ——

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

Multiplying Fractions (J) Answers

Calculate each product.

1. $\dfrac{3}{4} \times 3\dfrac{7}{9} = \dfrac{3}{4} \times \dfrac{34}{9} = \dfrac{102}{36} = \dfrac{17}{6} = 2\dfrac{5}{6}$

2. $\dfrac{5}{6} \times 1\dfrac{2}{5} = \dfrac{5}{6} \times \dfrac{7}{5} = \dfrac{35}{30} = \dfrac{7}{6} = 1\dfrac{1}{6}$

3. $\dfrac{10}{3} \times 1\dfrac{1}{2} = \dfrac{10}{3} \times \dfrac{3}{2} = \dfrac{30}{6} = 5$

4. $\dfrac{3}{2} \times \dfrac{13}{9} = \dfrac{39}{18} = \dfrac{13}{6} = 2\dfrac{1}{6}$

5. $\dfrac{1}{5} \times \dfrac{1}{9} = \dfrac{1}{5} \times \dfrac{1}{9} = \dfrac{1}{45}$

6. $\dfrac{5}{2} \times \dfrac{15}{4} = \dfrac{75}{8} = 9\dfrac{3}{8}$

7. $\dfrac{18}{5} \times 1\dfrac{3}{5} = \dfrac{18}{5} \times \dfrac{8}{5} = \dfrac{144}{25} = 5\dfrac{19}{25}$

8. $\dfrac{32}{9} \times \dfrac{2}{5} = \dfrac{64}{45} = 1\dfrac{19}{45}$

9. $\dfrac{8}{9} \times \dfrac{11}{3} = \dfrac{88}{27} = 3\dfrac{7}{27}$

10. $\dfrac{8}{7} \times 3\dfrac{1}{2} = \dfrac{8}{7} \times \dfrac{7}{2} = \dfrac{56}{14} = 4$