Multiply Fractions

Aim: to multiply fractions

Calculate the following. Give your answer in the simplest form.

1. $\dfrac{3}{4}$ x $\dfrac{1}{3}$ =

2. $\dfrac{1}{2}$ x $\dfrac{2}{3}$ =

3. $\dfrac{2}{5}$ x $\dfrac{1}{3}$ =

4. $\dfrac{7}{12}$ x $\dfrac{2}{3}$ =

5. $\dfrac{4}{5}$ x $\dfrac{1}{6}$ =

6. $\dfrac{1}{4}$ x $\dfrac{5}{7}$ =

7. $\dfrac{3}{8}$ x $\dfrac{4}{5}$ =

8. $\dfrac{4}{9}$ x $\dfrac{1}{4}$ =

9. $\dfrac{5}{6}$ x $\dfrac{3}{8}$ =

10. $\dfrac{2}{5}$ x $\dfrac{5}{9}$ =

Multiply Fractions Answer Sheet

Aim: to multiply fractions

Calculate the following. Give your answer in the simplest form.

1. $\dfrac{3}{4}$ x $\dfrac{1}{3}$ = $\dfrac{3}{12}$

   = $\dfrac{1}{4}$

2. $\dfrac{1}{2}$ x $\dfrac{2}{3}$ = $\dfrac{2}{6}$

   = $\dfrac{1}{3}$

3. $\dfrac{2}{5}$ x $\dfrac{1}{3}$ = $\dfrac{2}{15}$

4. $\dfrac{7}{12}$ x $\dfrac{2}{3}$ = $\dfrac{14}{36}$

   = $\dfrac{7}{18}$

5. $\dfrac{4}{5}$ x $\dfrac{1}{6}$ = $\dfrac{4}{30}$

   = $\dfrac{2}{15}$

6. $\dfrac{1}{4}$ x $\dfrac{5}{7}$ = $\dfrac{5}{28}$

7. $\dfrac{3}{8}$ x $\dfrac{4}{5}$ = $\dfrac{12}{40}$

   = $\dfrac{3}{10}$

8. $\dfrac{4}{9}$ x $\dfrac{1}{4}$ = $\dfrac{4}{36}$

   = $\dfrac{1}{9}$

9. $\dfrac{5}{6}$ x $\dfrac{3}{8}$ = $\dfrac{15}{48}$

   = $\dfrac{3}{16}$

10. $\dfrac{2}{5}$ x $\dfrac{5}{9}$ = $\dfrac{10}{45}$

    = $\dfrac{2}{9}$