Maths homework this half term is all about fractions – these appear a lot in the
SATs papers so please take the time to practice.

Multiply Fractions

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

1. $\frac{1}{4}$ × $\frac{1}{2}$ =

2. $\frac{2}{5}$ × $\frac{1}{4}$ =

3. $\frac{2}{3}$ × $\frac{1}{2}$ =

4. $\frac{1}{2}$ × $\frac{1}{2}$ =

5. $\frac{1}{6}$ × $\frac{2}{3}$ =

6. $\frac{1}{3}$ × $\frac{1}{6}$ =

7. $\frac{3}{8}$ × $\frac{2}{3}$ =

8. $\frac{1}{5}$ × $\frac{5}{8}$ =

9. $\frac{1}{3}$ × $\frac{3}{4}$ =

10. $\frac{2}{5}$ × $\frac{5}{6}$ =

Divide Fractions

Aim: to divide fractions

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

1. $\frac{3}{5}$ ÷ 2 =

2. $\frac{1}{2}$ ÷ 2 =

3. $\frac{3}{4}$ ÷ 6 =

4. $\frac{5}{6}$ ÷ 2 =

5. $\frac{5}{8}$ ÷ 4 =

6. $\frac{1}{4}$ ÷ 7 =

7. $\frac{7}{8}$ ÷ 3 =

8. $\frac{7}{9}$ ÷ 5 =

9. $\frac{5}{12}$ ÷ 6 =

10. $\frac{2}{5}$ ÷ 4 =

Multiply Fractions Answers

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

1. $\frac{1}{4}$ × $\frac{1}{2}$ = **$\frac{1}{8}$**   6. $\frac{1}{3}$ × $\frac{1}{6}$ = **$\frac{1}{18}$**

2. $\frac{2}{5}$ × $\frac{1}{4}$ = $\frac{2}{20}$ 7. $\frac{3}{8}$ × $\frac{2}{3}$ = $\frac{6}{24}$
   $\frac{1}{10}$ **$\frac{1}{4}$**

3. $\frac{2}{3}$ × $\frac{1}{2}$ = $\frac{2}{6}$ 8. $\frac{1}{5}$ × $\frac{5}{8}$ = $\frac{5}{40}$
   $\frac{1}{3}$ **$\frac{1}{8}$**

4. $\frac{1}{2}$ × $\frac{1}{2}$ = **$\frac{1}{4}$**   9. $\frac{1}{3}$ × $\frac{3}{4}$ = $\frac{3}{12}$
   $\frac{1}{4}$

5. $\frac{1}{6}$ × $\frac{2}{3}$ = $\frac{2}{18}$ 10. $\frac{2}{5}$ × $\frac{5}{6}$ = $\frac{10}{30}$
   $\frac{1}{9}$ **$\frac{1}{3}$**

Divide Fractions Answer Sheet

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

1. $\frac{3}{5}$ ÷ 2 = $\frac{3}{10}$ 2. $\frac{1}{2}$ ÷ 2 = $\frac{1}{4}$

3. $\frac{3}{4}$ ÷ 6 = $\frac{3}{24}$ 4. $\frac{5}{6}$ ÷ 2 = $\frac{5}{12}$
   = $\frac{1}{8}$

5. $\frac{5}{8}$ ÷ 4 = $\frac{5}{32}$ 6. $\frac{1}{4}$ ÷ 7 = $\frac{1}{28}$

7. $\frac{7}{8}$ ÷ 3 = $\frac{7}{24}$ 8. $\frac{7}{9}$ ÷ 5 = $\frac{7}{45}$

9. $\frac{5}{12}$ ÷ 6 = $\frac{5}{72}$ 10. $\frac{2}{5}$ ÷ 4 = $\frac{2}{20}$
   = $\frac{1}{10}$