

# Maths Star

## Dividing Fractions

At first, dividing fractions may seem very difficult, but remembering just 2 steps is all it takes!

**STEP 1: Turn the 2<sup>nd</sup> fraction upside-down**

**STEP 2: Change the '÷' to a 'x'**

E.g.  $\frac{1}{2} \div \frac{2}{3}$

Using our rules, this becomes  $\frac{1}{2} \times \frac{3}{2}$  We can now solve:  $\frac{1}{2} \times \frac{3}{2} = \frac{1 \times 3}{2 \times 2} = \frac{3}{4}$



Reminder: If you need a reminder of how to multiply fractions (. . . and how to cancel down to make it easier!), see the [Multiplying Fractions Worksheet](#)

Now it's your turn:

Easy:

1)  $\frac{1}{5} \div \frac{1}{2}$

2)  $\frac{1}{4} \div \frac{2}{5}$

3)  $\frac{2}{3} \div \frac{3}{4}$

Tricky: (Don't forget to cancel down across the "diagonals"!)

1)  $\frac{3}{8} \div \frac{1}{4}$

2)  $\frac{4}{5} \div \frac{2}{3}$

Handy Hint: Forgotten how to change between mixed fractions and top heavy fractions? See the [Worksheet!](#)

Super Difficult!: (Change to top heavy fractions first!)

1)  $1 \frac{1}{2} \div 1 \frac{1}{4}$

2)  $1 \frac{5}{7} \div \frac{3}{14}$