



Useful websites to help:

Video to explain this skill if you are still unsure

https://www.youtube.com/watch?v=csY3fy_CTLs

Maths mansion (explanation and practise)

<https://www.youtube.com/watch?v=L2kqK369lsl>

Game—Bingo (how quick can you complete the card)

<https://www.topmarks.co.uk/Flash.aspx?f=bingotimesordivide>

Fun challenges

<https://www.topmarks.co.uk/Flash.aspx?a=activity03>

Be a maths investigator!



Can you find a path from 6 to 0.6?
You cannot make diagonal moves.

6	x 10	x 10	÷ 100
÷ 10	x 100	x 100	÷ 10
x 10	÷ 10	÷ 1000	÷ 100
÷ 1000	x 1000	x 100	0.06

Is there more than one way?

Year 6

Learn by heart of the week:
Multiply and Divide by 10, 100 and 1000

Multiplying and Dividing by 10, 100 and 1000

10 000	1000	100	10	1	●	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
					●			

Multiplying

X 10 digits move LEFT 1 space
 X 100 digits move LEFT 2 spaces
 X 1000 digits move LEFT 3 spaces



Dividing

÷ 10 digits move RIGHT 1 space
 ÷ 100 digits move RIGHT 2 spaces
 ÷ 1000 digits move RIGHT 3 spaces



Get creative!

Design a game to help you practise multiply and divide by 10, 100 and 1000.

Could you make a dominoes game?

Could you make a board game? eg where you have to pick a card with a question if you land on a coloured square to try to move forwards. It could have a theme eg space or Vikings.

This weeks task!

To multiply and divide numbers up to 3 decimal points by 10, 100 and 1000.

Get practising!

Draw or print the grid on the left then use homemade digit cards to practise.

Can you do questions in your head then check the result using the grid?

Don't forget the place holders (0)

Example questions

0.5×10

$6.025 \div 100$

0.05×1000

$35 \div 1000$

Make up your own calculations.

Don't forget!

Keep working on the times tables and division facts so you don't forget them.

Little but often is best.