

Converting between Decimals and Fractions Maze

START



Colour in the boxes that have the correct equivalent conversions between decimals and fractions.

Colouring in the correct conversions will reveal the road to the finish line.



Hint: you can travel diagonally but be careful - some boxes have correct conversions that may lead you off the road!

$\frac{1}{4} = 0.25$	$0.6 = \frac{6}{100}$	$0.006 = \frac{6}{1000}$	$\frac{1}{2} = 0.5$	$0.5 = \frac{1}{5}$
$0.17 = \frac{17}{100}$	$\frac{1}{10} = 0.11$	$0.7 = \frac{7}{10}$	$\frac{3}{4} = 0.7$	$\frac{1}{10} = 0.1$
$0.6 = \frac{3}{5}$	$0.045 = \frac{45}{1000}$	$\frac{56}{100} = 0.5$	$0.003 = \frac{3}{100}$	$0.8 = \frac{4}{5}$
$\frac{11}{1000} = 0.11$	$0.9 = \frac{9}{100}$	$\frac{4}{5} = 0.45$	$\frac{78}{1000} = 0.078$	$0.08 = \frac{8}{10}$
$0.85 = \frac{85}{100}$	$\frac{38}{1000} = 0.38$	$0.8 = \frac{3}{5}$	$0.5 = \frac{2}{4}$	$\frac{1}{10} = 0.01$
$0.6 = \frac{3}{4}$	$0.05 = \frac{5}{100}$	$\frac{3}{10} = 0.3$	$\frac{40}{1000} = 0.04$	$\frac{9}{10} = 0.09$
$\frac{91}{1000} = 0.91$	$0.4 = \frac{2}{5}$	$0.710 = \frac{7}{10}$	$0.25 = \frac{1}{5}$	$\frac{55}{100} = 0.055$
$\frac{1}{2} = 0.1$	$\frac{6}{10} = 0.06$	$0.1 = \frac{1}{10}$	$\frac{405}{1000} = 0.405$	$0.75 = \frac{3}{5}$
$0.25 = \frac{1}{5}$	$0.005 = \frac{5}{1000}$	$\frac{41}{100} = 0.14$	$0.4 = \frac{2}{4}$	$\frac{3}{4} = 0.75$
$\frac{2}{100} = 0.2$	$0.34 = \frac{3}{4}$	$0.5 = \frac{5}{10}$	$\frac{1}{4} = 0.4$	$\frac{1}{5} = 0.2$

FINISH

Multiplication Grids

Multiplying a One-Digit Number with a Decimal Using the Grid Method

1.

×	6	0.3
4		

6.

×	7	0.2
5		

2.

×	2	0.8
5		

7.

×	3	0.8
7		

3.

×	3	0.2
7		

8.

×	9	0.2
2		

4.

×	7	0.3
9		

9.

×	2	0.7
5		

5.

×	2	0.9
8		

10.

×	6	0.1
4		

1.

x	5	0.9
6		

6.

x	8	0.3
4		

2.

x	4	0.6
7		

7.

x	3	0.9
5		

3.

x	6	0.6
8		

8.

x	8	0.4
8		

4.

x	8	0.1
6		

9.

x	7	0.6
7		

5.

x	6	0.4
3		

10.

x	7	0.4
6		