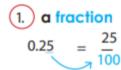
Steps to Success

Lockdown					
Date	<u>6.01.21</u>				
Subject/s	<u>Maths</u>				
Learning Objective	To convert between fractions and decimals				

					SA •	TA
Success Criteria	Thurst the "function line" management divide her					Л.
	I know the "fraction line" represents divide by I can use my knowledge of dividing by 10, 100 and 1000 to convert					
✓! 🗏	between fractions and decimals					
	I can change to equivalent fractions with a denominators of 10, 100 and 1000					
	I can use my knowle	edge of bus stop method	t			
Support	Independent	Adult Support ()	Group Work		
Pre-task						
What is						
0.65 as a fraction						
2/100 as a decimal						
3/25 as a decimal						
5/8 as a decimal						

Fluency

Numbers less than a whole can be written two ways: as a fraction or a decimal.



Since the 5 is written in the 100ths place, write a 100 on the bottom.

2. a decimal $\frac{2}{10} = 0.2$

Since the 2 is above the number 10, write the 2 in the 10ths place.

Rewrite the numbers below as a fraction or a decimal.

$$\frac{51}{100} = \frac{5}{10} = \frac{63}{100} = \frac{92}{100} = \frac{92}$$

C.
$$\frac{25}{10} = \frac{55}{100} = \frac$$

$$\frac{73}{100} = \frac{82}{100} = \frac{7}{10} = 0.3 = \dots$$

G.
$$\frac{1}{10} = \frac{4}{10} = \frac{32}{100} = \frac{32}{100} = \frac{32}{100}$$

$$\frac{9}{10} = \frac{8}{10} = \frac{28}{100} = \frac{28}{100} = \frac{28}{100}$$

1.
$$\frac{4}{20} =$$

$$\frac{3}{5} =$$

^{3.}
$$\frac{9}{10} =$$

$$\frac{5}{5} =$$

6.
$$\frac{1}{2}$$
 = _____

$$\frac{7.}{25} =$$

8.
$$\frac{16}{20} =$$

^{10.}
$$\frac{16}{50} =$$

^{11.}
$$\frac{76}{100} =$$

12.
$$\frac{3}{4} =$$

13.
$$\frac{1}{5} =$$

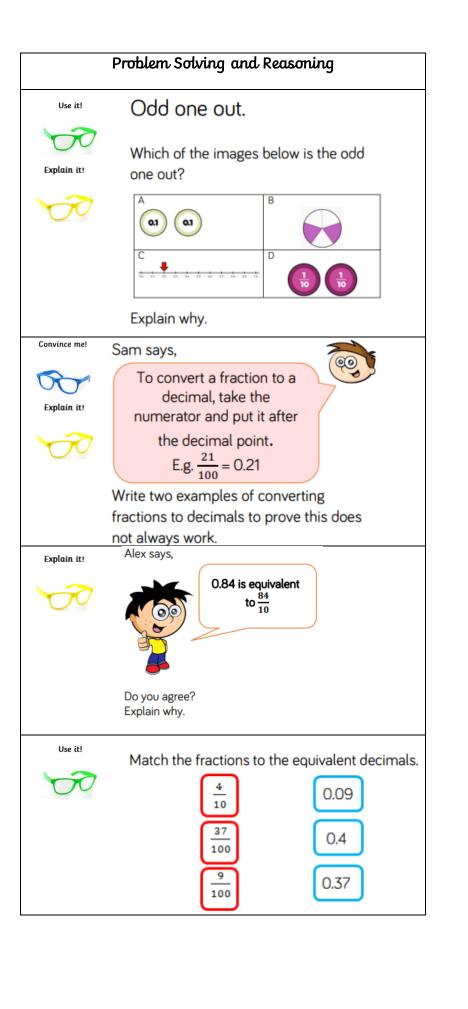
$$\frac{14.}{20} =$$

$$\frac{15.}{50} =$$

$$\frac{16.}{25} =$$

$$\frac{17.}{10} =$$

$$\frac{18.}{100} =$$



Further Challenge

Find the decimal equivalents of

$$\frac{1}{9}, \frac{1}{99}, \frac{1}{999}, \frac{1}{9999}, \dots$$

Explain the pattern you get and generalise.

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