Decimals as Fractions 1

1a. Use the number cards to complete the statement below.

6	100	0.6	10	60

$\frac{\square}{\square} = \square$

D PS

1b. Use the number cards to complete the statement below.

10	80	0.8	100	8

$\frac{\square}{\square} = \square$

D PS

2a. Josh says,

$\frac{1}{10}$ is equal to 0.01

Maisie says,

$\frac{1}{10}$ is equal to 0.1

Who is correct? Prove it.

D R

2b. Alfie says,

$\frac{3}{100}$ is equal to 0.3

Kyra says,

$\frac{3}{100}$ is equal to 0.03

Who is correct? Prove it.

D R

3a. Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{3}{10}$.

It is smaller than $\frac{70}{100}$.

What number could I be thinking of?

Find 3 possibilities.

D PS

3b. Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{50}{100}$.

It is smaller than $\frac{9}{10}$.

What number could I be thinking of?

Find 3 possibilities.

D PS

Decimals as Fractions 1

4a. Use the number cards to complete the statement below.

100	0.25	4	1	25

$\frac{\square}{\square} = \square$

E PS

4b. Use the number cards to complete the statement below.

3	75	0.75	4	100

$\frac{\square}{\square} = \square$

E PS

5a. Ashton says,

$\frac{3}{4}$ is equal to 0.34

Zaira says,

$\frac{3}{4}$ is equal to 0.75

Who is correct? Prove it.

E R

5b. Darren says,

$\frac{1}{2}$ is equal to 0.5

Saskia says,

$\frac{1}{2}$ is equal to 0.2

Who is correct? Prove it.

E R

6a. Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{1}{2}$.

It is smaller than $\frac{8}{10}$.

What number could I be thinking of?

Find 3 possibilities.

E PS

6b. Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{1}{4}$.

It is smaller than $\frac{6}{10}$.

What number could I be thinking of?

Find 3 possibilities.

E PS

Decimals as Fractions 1

7a. Use the number cards to complete the statement below.

25	16	8	0.32	50

$\frac{\square}{\square} = \square$

GD PS

7b. Use the number cards to complete the statement below.

50	12	25	0.24	6

$\frac{\square}{\square} = \square$

GD PS

8a. Jason says,

$\frac{1}{5}$ is equal to 0.5

Lily says,

$\frac{1}{5}$ is equal to 0.2

Who is correct? Prove it.

GD R

8b. Imran says,

$\frac{1}{50}$ is equal to 0.02

Bella says,

$\frac{1}{50}$ is equal to 0.5

Who is correct? Prove it.

GD R

9a. Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{25}{50}$.

It is smaller than $\frac{4}{5}$.

What number could I be thinking of?

Find 3 possibilities.

GD PS

9b. Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{1}{5}$.

It is smaller than $\frac{20}{25}$.

What number could I be thinking of?

Find 3 possibilities.

GD PS