

Step 2: Decimals as Fractions 1

Introduction

Match the statements to the decimals.

7 ones, 4 tenths and 5 hundredths

5.47

5 ones, 7 tenths and 4 hundredths

4.75

4 ones, 7 tenths and 5 hundredths

7.45

5 ones, 4 tenths and 7 hundredths

5.74

Introduction

Match the statements to the decimals.

7 ones, 4 tenths and 5 hundredths	5.47
5 ones, 7 tenths and 4 hundredths	4.75
4 ones, 7 tenths and 5 hundredths	7.45
5 ones, 4 tenths and 7 hundredths	5.74

Varied Fluency 1

Circle the fraction and decimal which match the picture.



0.9

$$\frac{9}{100}$$

0.09

$$\frac{90}{100}$$

Varied Fluency 1

Circle the fraction and decimal which match the picture.



0.9

$$\frac{9}{100}$$

0.09

$$\frac{90}{100}$$

Varied Fluency 2

Match the fractions to their decimal equivalents.

A. $\frac{6}{100}$

0.6

B. $\frac{6}{10}$


0.65

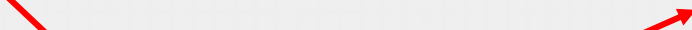
C. $\frac{65}{100}$

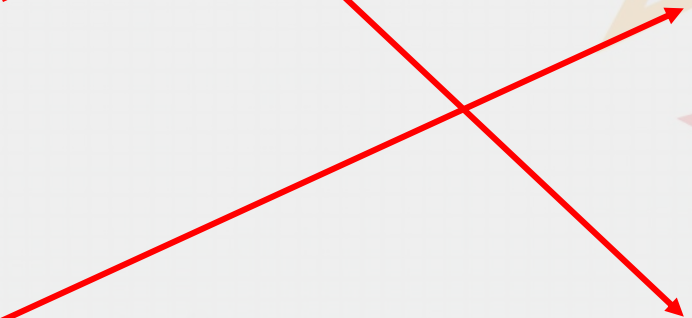
0.06

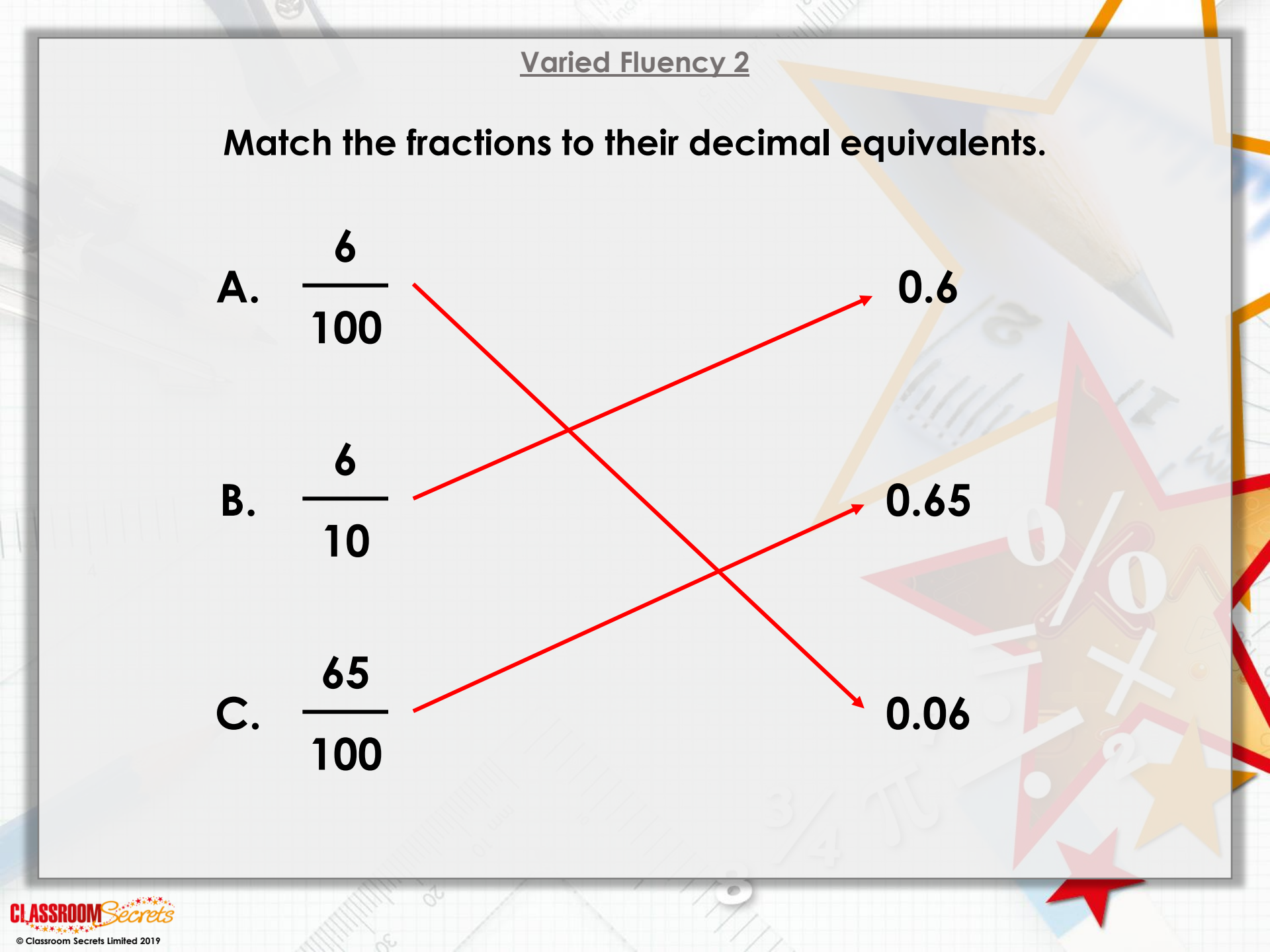
Varied Fluency 2

Match the fractions to their decimal equivalents.

A. $\frac{6}{100}$  0.6

B. $\frac{6}{10}$  0.65

C. $\frac{65}{100}$  0.06



Varied Fluency 3

Complete the table below.

Fractions	Decimals
$\frac{25}{100}$	
	0.07
$\frac{1}{2}$	

Varied Fluency 3

Complete the table below.

Fractions	Decimals
$\frac{25}{100}$	0.25
$\frac{7}{100}$	0.07
$\frac{1}{2}$	0.5

Varied Fluency 4

True or false?

$$\frac{3}{4} = 3.4$$

Varied Fluency 4

True or false?

$$\frac{3}{4} = 3.4$$

False:

$$\frac{3}{4} = 0.75$$

Problem Solving 1

Use the number cards to complete the statement below.

50

2

0.5

100

1

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

Problem Solving 1

Use the number cards to complete the statement below.

50

2

0.5

100

1

Various possible answers, for example:

1

2

=

0.5

50

100

=

0.5

Reasoning 1

Seth says,



$\frac{1}{4}$ is equal to 0.25

$\frac{1}{4}$ is equal to 1.4

Leticia says,



Who is correct? Prove it.

Reasoning 1

Seth says,



$\frac{1}{4}$ is equal to 0.25

$\frac{1}{4}$ is equal to 1.4

Leticia says,



Who is correct? Prove it.

Seth is correct because...

Reasoning 1

Seth says,



$\frac{1}{4}$ is equal to 0.25

$\frac{1}{4}$ is equal to 1.4

Leticia says,



Who is correct? Prove it.

Seth is correct because $\frac{1}{4}$ is equal to $\frac{25}{100}$ which is equal to 0.25.

Problem Solving 2

Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{4}{10}$.

It is smaller than $\frac{3}{4}$.

What number could I be thinking of?

Find 3 possibilities.

Problem Solving 2

Solve the word problem below.

I am thinking of a decimal number.

It is bigger than $\frac{4}{10}$.

It is smaller than $\frac{3}{4}$.

What number could I be thinking of?

Find 3 possibilities.

Various possible answers, for example: 0.5, 0.6, 0.7