Varied Fluency
Step 2: Tenths as Decimals

National Curriculum Objectives:

Mathematics Year 4: (4F6b) Recognise and write decimal equivalents of any number of tenths or hundredths

Differentiation:

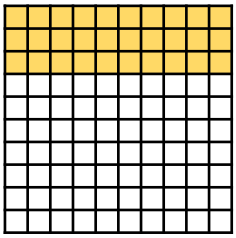
Developing Questions to support recognising and writing tenths as fractions and decimals. Includes numbers less than 1 and pictorial representations to support.
Expected Questions to support recognising and writing tenths as fractions and decimals. Includes numbers less than 1 with a variety of pictorial representations.
Greater Depth Questions to support recognising and writing tenths as fractions and decimals. Includes numbers less than 1 with limited pictorial support and some use of equivalent fractions.

More Year 4 Decimals resources.

Did you like this resource? Don't forget to review it on our website.

Tenths as Decimals

1a. Use the image to write the fraction and decimal.



$\frac{\square}{10}$ = 0.□

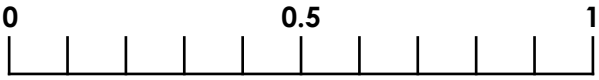
D VF

2a. Complete the statement.

0.8 is the same as ____ tenths.

D VF

3a. Draw an arrow to show where 0.2 would be placed on the number line.

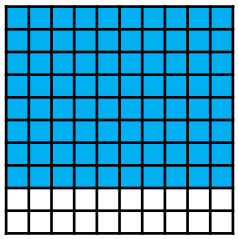


Write the decimal as a fraction: $\frac{\square}{10}$

D VF

4a. Circle the odd one out.

A. 0.1 0.1 0.1

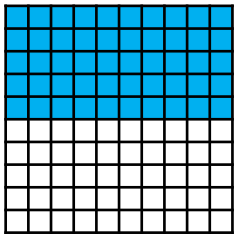
B. 

1. 0.6
2. 0.8
3. 0.3

D VF

Tenths as Decimals

1b. Use the image to write the fraction and decimal.

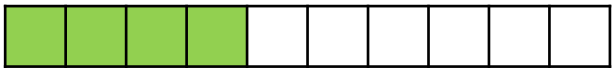


$\frac{\square}{10}$ = 0.□

D VF

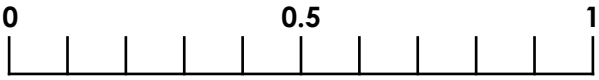
2b. Complete the statement.

0.4 is the same as ____ tenths.



D VF

3b. Draw an arrow to show where 0.9 would be placed on the number line.

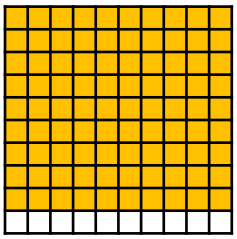


Write the decimal as a fraction: $\frac{\square}{10}$

D VF

4b. Circle the odd one out.

A. $\frac{5}{10}$

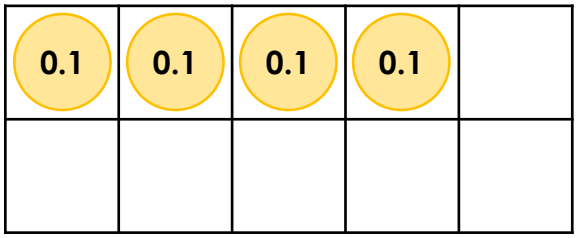
B. 

1. 0.9
2. 0.5
3. 0.1

D VF

Tenths as Decimals

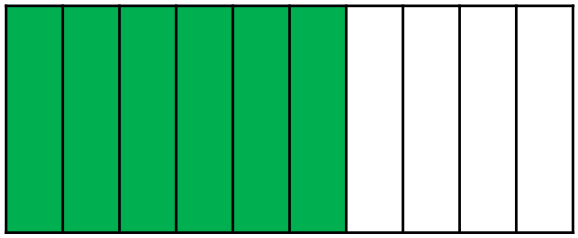
5a. Use the image to write the fraction and decimal.



□/□ = □.□

E VF

5b. Use the image to write the fraction and decimal.

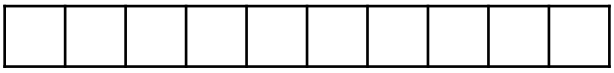


□/□ = □.□

E VF

6a. Complete the statement using a decimal.

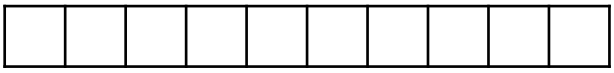
____ is the same as eight tenths.



E VF

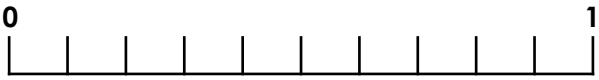
6b. Complete the statement using a decimal.

____ is the same as six tenths.



E VF

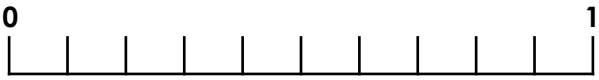
7a. Draw an arrow to show where 0.7 would be placed on the number line.



Write the decimal as a fraction: □/□

E VF

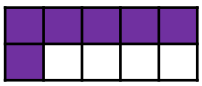
7b. Draw an arrow to show where 0.3 would be placed on the number line.



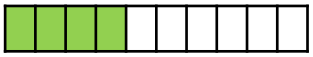
Write the decimal as a fraction: □/□

E VF

8a. Circle the odd one out.

A. 

B. 0.1 0.1 0.1 0.1

C. 

1. 0.4
2. 0.6
3. 0.5

E VF

8b. Circle the odd one out.

A. 0.1

B. one tenth

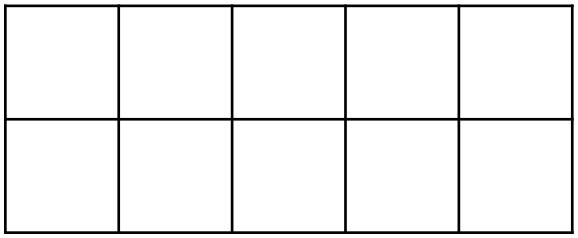
C. $\frac{7}{10}$

1. 0.2
2. 0.7
3. 0.1

E VF

Tenths as Decimals

9a. Shade in 7 parts of the image.
Write the fraction and the decimal.



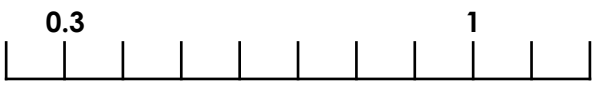
GD VF

10a. Complete the statement using a decimal.

____ is the same as nine tenths.

GD VF

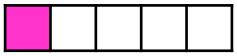
11a. Draw an arrow to show where 0.7 would be placed on the number line.



Write the decimal as a fraction:

GD VF

12a. Circle the odd one out.

A.	zero wholes and nine tenths	1.	0.2
B.	$\frac{9}{10}$	2.	0.9
C.		3.	0.8

Write the fraction for the remaining decimal.

GD VF

Tenths as Decimals

9b. Shade in 5 parts of the image.
Write the fraction and the decimal.

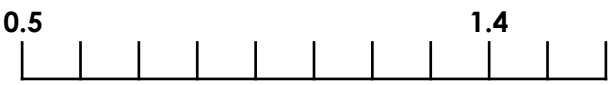
GD VF

10b. Complete the statement using a decimal.

____ is the same as four tenths.

GD VF

11b. Draw an arrow to show where 0.9 would be placed on the number line.



Write the decimal as a fraction:

GD VF

12b. Circle the odd one out.

A.	0.1 0.1 0.1 0.1	1.	0.4
B.		2.	0.1
C.	five tenths	3.	0.5

Write the fraction for the remaining decimal.

GD VF

Varied Fluency
Tenths as Decimals

Developing

1a. $\frac{3}{10}$ and 0.3

2a. 8 tenths

3a. The 2nd increment after 0; $\frac{2}{10}$

4a. 0.6 is the odd one out.

Expected

5a. $\frac{4}{10}$ and 0.4

6a. 0.8

7a. The 7th increment after 0; $\frac{7}{10}$

8a. 0.5 is the odd one out.

Greater Depth

9a. $\frac{7}{10}$ and 0.7

10a. 0.9

11a. The 4th increment after 0.3; $\frac{7}{10}$

12a. 0.8 is the odd one out.

Varied Fluency
Tenths as Decimals

Developing

1b. $\frac{5}{10}$ and 0.5

2b. 4 tenths

3b. The 9th increment after 0; $\frac{9}{10}$

4b. 0.1 is the odd one out.

Expected

5b. $\frac{6}{10}$ and 0.6

6b. 0.6

7b. The 3rd increment after 0; $\frac{3}{10}$

8b. 0.2 is the odd one out.

Greater Depth

9b. $\frac{5}{10}$ and 0.5

10b. 0.4

11b. The 4th increment after 0.5; $\frac{9}{10}$

12b. 0.1 is the odd one out.