

# Varied Fluency

## Step 1: Recognise Tenths And Hundredths

### 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 tenths and hundredths. Numbers less than one with some pictorial support.

**Expected** Questions to support recognising tenths and hundredths. Numbers less than one.

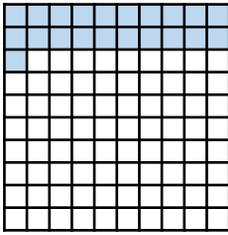
**Greater Depth** Questions to support recognising tenths and hundredths. Numbers less than one with some unconventional partitioning.

More [Year 4 Decimals](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

1a. Complete the statement.

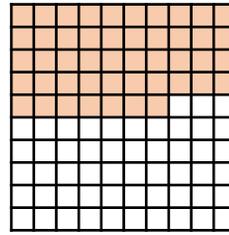
21 hundredths can be partitioned into \_\_\_ tenths and \_\_\_ hundredth.



VF

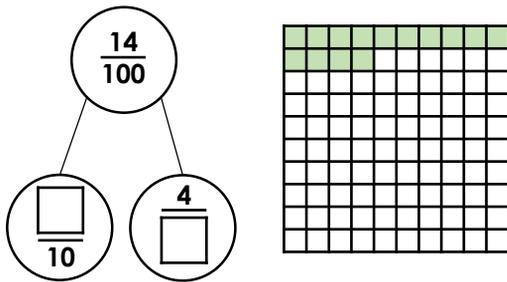
1b. Complete the statement.

47 hundredths can be partitioned into \_\_\_ tenths and \_\_\_ hundredths.



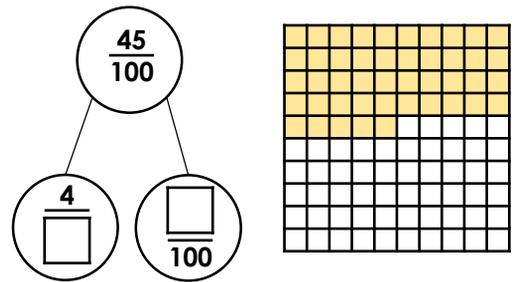
VF

2a. Fill in the missing numbers to complete the part-whole model.



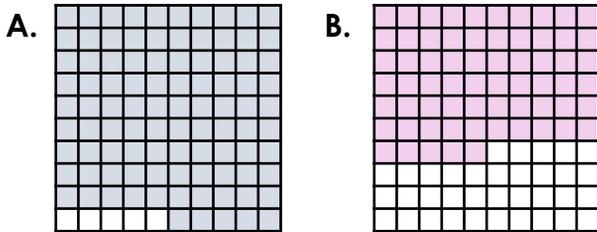
VF

2b. Fill in the missing numbers to complete the part-whole model.



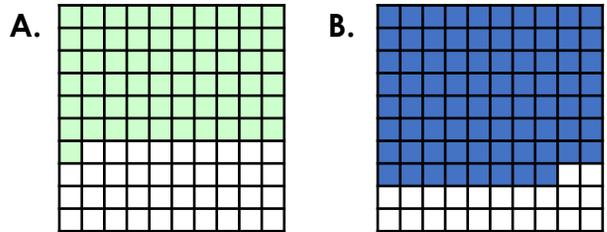
VF

3a. Partition the numbers represented into tenths and hundredths.



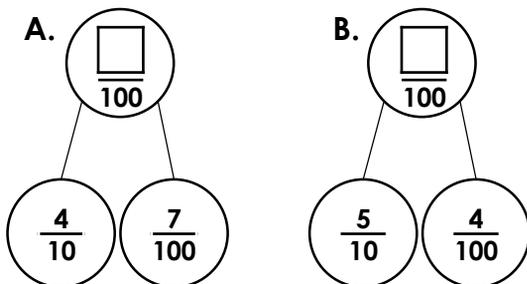
VF

3b. Partition the numbers represented into tenths and hundredths.



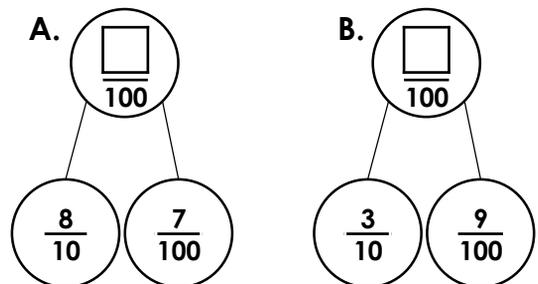
VF

4a. Complete the part-whole models below.



VF

4b. Complete the part-whole models below.



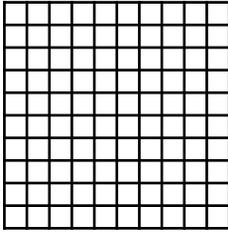
VF

## Recognise Tenths And Hundredths

## Recognise Tenths And Hundredths

5a. Complete the statement and shade the hundred square to match.

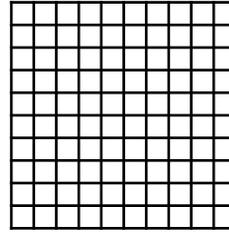
65 hundredths can be partitioned into \_\_\_ tenths and \_\_\_ hundredths.



VF

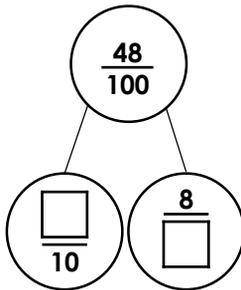
5b. Complete the statement and shade the hundred square to match.

23 hundredths can be partitioned into \_\_\_ tenths and \_\_\_ hundredths.



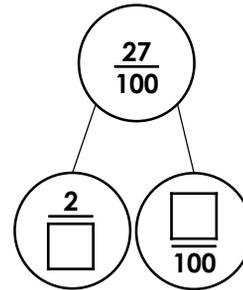
VF

6a. Fill in the missing numbers to complete the part-whole model.



VF

6b. Fill in the missing numbers to complete the part-whole model.



VF

7a. Partition the following numbers into tenths and hundredths.

A.  $\frac{78}{100} = \frac{\square}{10}$  and  $\frac{\square}{100}$

B.  $\frac{24}{100} = \frac{\square}{10}$  and  $\frac{\square}{100}$



VF

7b. Partition the following numbers into tenths and hundredths.

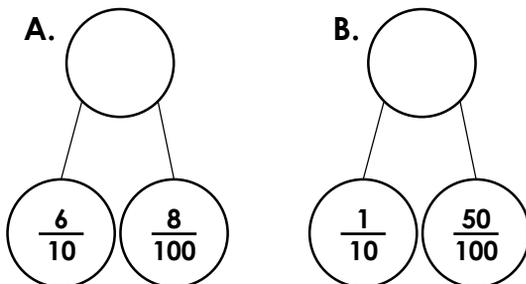
A.  $\frac{94}{100} = \frac{\square}{10}$  and  $\frac{\square}{100}$

B.  $\frac{25}{100} = \frac{\square}{10}$  and  $\frac{\square}{100}$



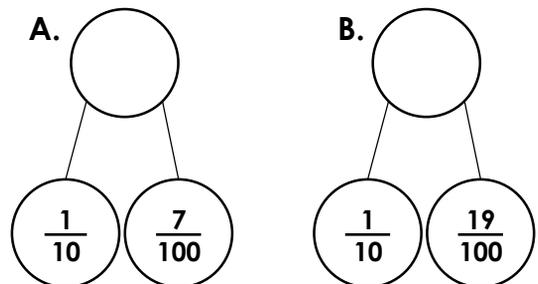
VF

8a. Complete the part-whole models below.



VF

8b. Complete the part-whole models below.



VF

9a. Complete the statement.

\_\_\_\_\_ hundredths can be partitioned into 24 hundredths and 7 tenths.



VF

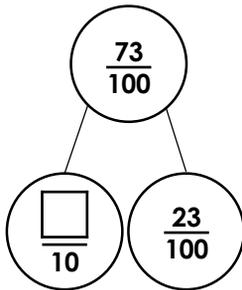
9b. Complete the statement.

\_\_\_\_\_ hundredths can be partitioned into 12 hundredths and 8 tenths.



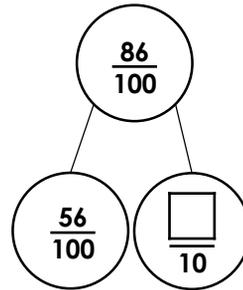
VF

10a. Fill in the missing numbers to complete the part-whole model.



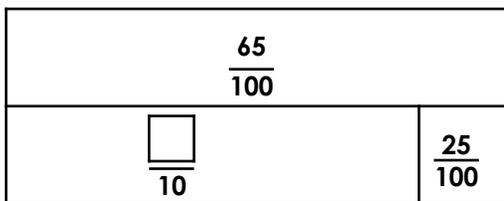
VF

10b. Fill in the missing numbers to complete the part-whole model.



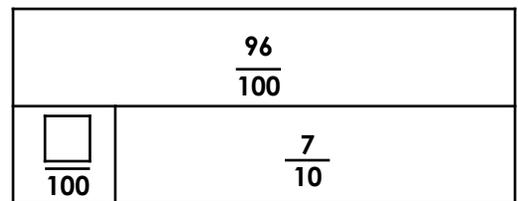
VF

11a. Complete the bar model.



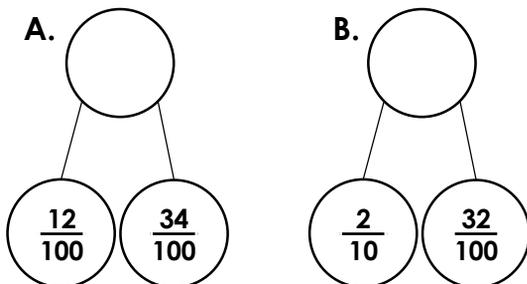
VF

11b. Complete the bar model.



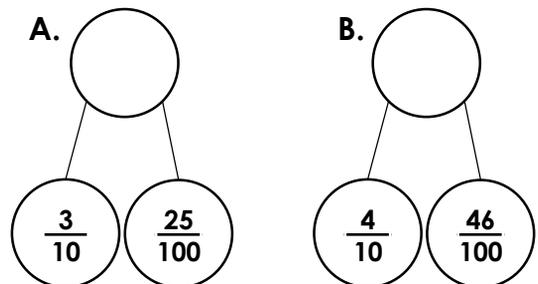
VF

12a. Complete the part-whole models below.



VF

12b. Complete the part-whole models below.



VF

## Varied Fluency

### Recognise Tenths And Hundredths

#### Developing

1a. 2 tenths and 1 hundredth

2a.  $\frac{1}{10}$ ,  $\frac{4}{100}$

3a. A. 9 tenths, 5 hundredths;

B. 6 tenths, 5 hundredths

4a. A.  $\frac{47}{100}$ ; B.  $\frac{54}{100}$

#### Expected

5a. 6 tenths and 5 hundredths

Accept 65 squares shaded.

6a.  $\frac{4}{10}$ ,  $\frac{8}{100}$

7a. A. 7 tenths, 8 hundredths;

B. 2 tenths, 4 hundredths

8a. A.  $\frac{68}{100}$ ; B.  $\frac{60}{100}$  or  $\frac{6}{10}$

#### Greater Depth

9a. 94 hundredths

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

11a.  $\frac{4}{10}$

12a. A.  $\frac{46}{100}$ ; B.  $\frac{52}{100}$

## Varied Fluency

### Recognise Tenths And Hundredths

#### Developing

1b. 4 tenths and 7 hundredths

2b.  $\frac{4}{10}$ ,  $\frac{5}{100}$

3b. A. 6 tenths, 1 hundredth;

B. 7 tenths, 8 hundredths

4b. A.  $\frac{87}{100}$ ; B.  $\frac{39}{100}$

#### Expected

5b. 2 tenths and 3 hundredths.

Accept 23 squares shaded.

6b.  $\frac{2}{10}$ ,  $\frac{7}{100}$

7b. A. 9 tenths, 4 hundredths;

B. 2 tenths, 5 hundredths

8b. A.  $\frac{17}{100}$ ; B.  $\frac{29}{100}$

#### Greater Depth

9b. 92 hundredths

10b.  $\frac{3}{10}$

11b.  $\frac{26}{100}$

12b. A.  $\frac{55}{100}$ ; B.  $\frac{86}{100}$