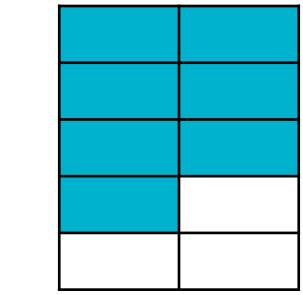
Fractions to Decimals 1

1. Use the image to complete the fraction and the decimal.



$\square = \square . \square$

VF

2. Convert the hundredths into decimals.

A. $\frac{22}{100}$ ☐

B. $\frac{76}{100}$ ☐

C. $\frac{9}{100}$ ☐

VF

3. Match the equivalent values.

$\frac{54}{100}$ $\frac{17}{100}$

Nineteen hundredths 0.54

$\frac{16}{100}$ $\frac{19}{100}$

0.17 0.02 0.1 0.04

VF

4. Rachel thinks that the bar model below can only represent $\frac{60}{100}$ or 0.6.

Is she correct? Prove it.

R

5. Kevin and Aria are converting fractions to decimals.

$\frac{4}{100} = 0.04$

The decimal is incorrect. It should be 0.4 because there is no zero in the numerator.

The decimal is correct because the four is represented in the hundredths column.

Who is correct? Convince me.

R

6. Elsie is thinking of a decimal.

It lies between $\frac{32}{100}$ and $\frac{78}{100}$.

The numerator is a multiple of 6 and 8.

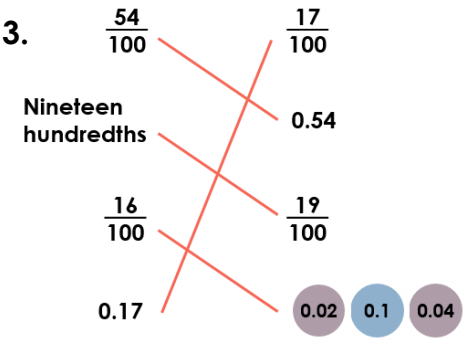
Write down the two possibilities that Elsie's decimal could be.

PS

Fractions to Decimals 1

1. $\frac{7}{10}$ and 0.7

2. A. 0.22; B. 0.76; C. 0.09

3. 

4. Rachel is incorrect as the bar model could also represent $\frac{6}{10}$ $\frac{4}{10}$ $\frac{40}{100}$ or 0.4.

5. Aria is correct. The fraction is 4 hundredths. This means that there are no tens in the numerator and four is represented in the hundredths column. This is written as 0.04.

6. 0.48 or 0.72