YEAR 4 · DECIMALS

Converting Between Fractions and Decimals

Practise changing tenths and hundredths into decimals and fractions.

Name _____ **Date** _____

REMEMBER Tenths have 1 digit after the decimal point. | Hundredths have 2 digits after the decimal point.

1 Fractions to decimals

Write each fraction as a decimal.

a $\frac{1}{10}$ = _____

b $\frac{4}{10}$ = _____

c $\frac{9}{10}$ = _____

d $\frac{13}{100}$ = _____

e $\frac{58}{100}$ = _____

f $\frac{7}{100}$ = _____

2 Decimals to fractions

Write each decimal as a fraction with denominator 10 or 100 to match the decimal places.

a **0.2** = ____

b **0.9** = ____

c **0.05** = ____

d **0.31** = ____

e **0.70** = ____

f **0.46** = ____

3 Complete the equivalent number sentences

Fill in each missing number.

$\frac{7}{10} = \frac{\quad}{100}$

0.08= _____ **/ 100**

$\frac{\quad}{10}$ **=0.6**

$\frac{39}{100}$ **=** _____

Your turn

Write your own fraction in hundredths and its matching decimal.

____ **/ 100 =** _____