Decimal Notation for Fractions (10 or 100 Denominators) Step-by-Step Lesson

Lesson 1 Decimal Format:

1) Write the following in decimal format:

  a) $\dfrac{6}{10}$ b) $\dfrac{53}{100}$

Explanation:

a) Fraction to decimal format is simply finding the quotient that the fractions represent.

$10\overline{)\,6}$

We can therefore write this as 6 divided by 10.

So, as a fraction 0.6 = 6/10.

Answer is: 0.6

b) Same concept, just a bigger denominator:

$100\overline{)\,53}$

We can, therefore, write this as 53 divided by 100.

So as a fraction 0.53 = 53/100

Answer is: 0.53