

Tuesday 02/06/2020

LK: To convert fractions to percentages.

Hello everybody! Miss Dattani here, I hope you are all safe and well.

You do not need a printer to complete any tasks, please do your task on pen and paper and email me if you have any questions at [WDV.year5@oasiswoodview.org](mailto:WDV.year5@oasiswoodview.org)

Your task is differentiated two ways:

-Section A is suited for one star (blue and green)

-Section B is suited for two and three star (yellow, orange and red table)

-Per cent means out of 100

-Percentages are a fraction with a denominator of 100. For example  $\frac{30}{100}$  is the same as 30%.

If a fraction does not have a denominator of 100, it makes it more challenging to convert it to a percentage. So, we can convert the fraction so that it has a denominator of 100. There is an example of how to do this below. Remember, whatever you do to the denominator, you must do to the numerator!

$$\frac{4}{5} = \frac{80}{100} = 80\%$$

We know  $\frac{80}{100}$  is the same as 80% because percent means out of 100!

Section A

Write these fractions as a percentage:

1.  $\frac{1}{10}$

2.  $\frac{1}{2}$

3.  $\frac{3}{10}$
4.  $\frac{60}{100}$
5.  $\frac{90}{100}$
6.  $\frac{5}{10}$
7.  $\frac{70}{100}$
8.  $\frac{4}{10}$
9.  $\frac{4}{20}$
10.  $\frac{17}{100}$

### Section B

Write these fractions as percentages

1.  $\frac{3}{10}$
2.  $\frac{79}{100}$
3.  $\frac{1}{2}$
4.  $\frac{7}{10}$
5.  $\frac{8}{10}$
6.  $\frac{3}{4}$
7.  $\frac{1}{5}$
8.  $\frac{1}{4}$
9.  $\frac{1}{20}$
10.  $\frac{4}{5}$
11.  $\frac{39}{50}$
12.  $\frac{21}{25}$