

Monday 18.05.2020

LK: To read and write decimals as fractions

Section A is suitable for blue and green table

Section B is suitable for yellow, orange and red table

Today we will revisit converting decimals to fractions. Below is an example.

| Ones | . | 1/10 | 1/100 | 1/1000 |
|------|---|------|-------|--------|
| 0 | . | 1 | 5 | |

We can convert the decimal 0.15 to a fraction by looking at the place value of the digits. The last column that we have a digit in is the hundredths, therefore our denominator will be 100. How many hundredths are there altogether? 15, so this is our numerator.

0.15 as a fraction = $15/100$

| Ones | . | 1/10 | 1/100 | 1/1000 |
|------|---|------|-------|--------|
| 0 | . | 1 | 2 | 8 |

The last column that we have a digit in is the thousandths, therefore our denominator will be 1000. How many hundredths are there altogether? 128, so this is our numerator.

0.128 as a fraction = $128/1000$

Section A- convert these decimals to fractions

1. 0.92
2. 0.4
3. 0.7

4. 0.82

5. 0.9

6. 0.85

7. 0.91

8. 0.65

9. 0.25

10. 0.718

Section B

1. 0.25

2. 0.827

3. 0.186

4. 0.01

5. 0.03

6. 0.105

7. 0.386

8. 1.721

9. 1.11

10. 0.001