

Fractions, Decimals, and Percentages Bell Work

Identify whether the following are terminating, repeating or non-terminating non-repeating decimals.

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

2. 0.32567893.....

3. $\frac{2}{3}$

4. 0.2365

Convert the following fraction to decimals.

5. $\frac{13}{3}$

6. $\frac{8}{25}$

Convert the following decimals to fraction.

7. 0.22222222.....

8. 0.25

Convert the following percent to decimals.

9. 79%

10. $\frac{140}{20}\%$

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ANSWERS:

Identify whether the following are terminating, repeating or non-terminating non-repeating decimals.

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

Terminating

2. 0.32567893.....

Non-terminating Non-repeating

3. $\frac{2}{3}$

Repeating

4. 0.2365

Terminating

Convert the following fraction to decimals.

5. $\frac{13}{3} = 4.\bar{3}$

6. $\frac{8}{25} = 0.32$

Convert the following decimals to fraction.

7. 0.22222222.....

$\frac{2}{9}$

8. 0.25

$\frac{25}{100} = \frac{1}{4}$

Convert the following percent to decimals.

9. 79%

$\frac{79\%}{100\%} = 0.79$

10. $\frac{140}{20}\%$

$\frac{7\%}{100\%} = 0.07$