Comparing Percentages and Decimals Lesson

PROBLEM: Compare the values 19% and 0.23 using 2 different methods.

When comparing values, you just need to get the values in the form. In this case, we have values in decimal and percentage form. Let's compare them in each form.

Method 1 – Decimal comparison.

To convert 19% to a decimal, just divide it by 100. 19/100 = 0.19.

0.19 (19%) is less than 0.23 or 0.19 < 0.23

Method 2 – Percentage comparison.

To convert 0.23 to a percentage, just multiply it by 100 and add a percentage symbol. 0.23 x 100 = 23%.

19% is less than 23% (0.23) or 19% < 23%

When we put this all together, 19% < 0.23