

Three significant digits are expected to be correct after an iterative process is finished.

The pre-specified tolerance, in this case, needs to be less than or equal to

0.5%

0.05%

0.005%

2.0005%

1

The base-10 equivalent of $(1101)_2$ 11

12

13

14

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The base-10 equivalent of $(0.1101)_2$ is

0.6875

0.75

0.8125

0.875

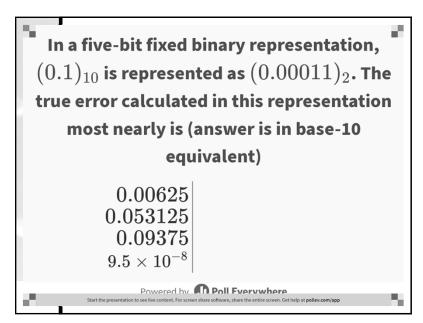
1

How Many Significant Digits?

https://bit.ly/3R7tn1J

A function f(x) and all its derivatives exist and are continuous in the interval [2,5]. If f(2)=50, f'(2)=15, f''(2)=28 and other higher derivatives are NOT given to you at x=2, what is the best estimate you can give for f(5)?

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