

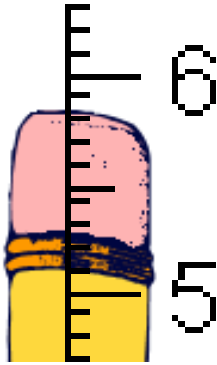
Answer on Question #42836, Physics, Other

Question:

What is doubt full digit in physics

Answer:

The precision of the measurement is limited by the measuring instrument used. For example, you want to know how long the pencil is. You use a ruler:



It is somewhere between 5.8 and 5.9 cm. But you don't know where exactly. So, you add a doubtful digit between 5.80 cm and 5.90 cm. Therefore it is the last digit in a measurement and it is always uncertain, never precise.