

Name: \_\_\_\_\_

# About Accuracy and Approximation Worksheet

## Part A: 1 ROTATION

<i>Measure and Calculate</i>	In <b>millimeters</b> (mm)
<b>Actual</b> length of the line	177
<b>Measured</b> length of the line	
<b>Measured</b> - <b>Actual</b>	

Which length is longer **Actual** or **Measured** ? \_\_\_\_\_

By how much is your **Measured** length different from the **Actual** length? \_\_\_\_\_ (mm)

How accurate do you think your **Measured** length is? \_\_\_\_\_

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## Part B: 2 ROTATIONS

<i>Measure and Calculate</i>	In <b>centimeters</b> (cm)	<b>Round up</b> to the nearest whole number (cm)	<b>Round down</b> to the nearest whole number (cm)
<b>Actual</b> length of the line	35.4	36	35
<b>Measured</b> length of the line			
<b>Measured</b> - <b>Actual</b>			

How accurate do you think your **Measured** length is? \_\_\_\_\_

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