

# Measurement

## Lab Unit

### 06: Time

# Measurements

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## 1. Unit 06: Time Measurements

## 4. Chapter: Unit 06: Time Measurements

### 1. Unit 06: Time Measurements Questions

#### 4.1.1. A human-operated stop watch may be expected to be precise to within...

Author: Steve Gibbs

A human-operated stop watch may be expected to be precise to within\_\_\_\_\_.

Please choose only one answer:

- 10 ms
- 50 ms
- 300 ms
- 1 s
- 5 s

Check the answer of this question online at QuizOver.com:

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4.1.2. A typical human reaction time is on the order of\_\_\_\_\_.

Author: Steve Gibbs

A typical human reaction time is on the order of\_\_\_\_\_.

Please choose only one answer:

- 200 ms
- 500 ms
- 10 ms
- 50 ms
- 1 s

Check the answer of this question online at QuizOver.com:

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#### 4.1.3. The current standard for time measurement is accurate to one part i...

Author: Steve Gibbs

The current standard for time measurement is accurate to one part in\_\_\_\_\_.

Please choose only one answer:

- $10^{5}$
- $10^{10}$
- $10^{15}$
- $10^{50}$
- $10^{25}$

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4.1.4. The fastest chemical reactions can take place on time scales of\_\_\_\_\_...

Author: Steve Gibbs

The fastest chemical reactions can take place on time scales of\_\_\_\_\_.

Please choose only one answer:

- ps
- ns
- ms
- s
- fs

Check the answer of this question online at QuizOver.com:

Question: [The fastest chemical reactions can take place Steve Gibbs Saylor](#)

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#### 4.1.5. The time required for light or other electromagnetic signals to tra...

Author: Steve Gibbs

The time required for light or other electromagnetic signals to travel 1 m is approximately\_\_\_\_\_.

Please choose only one answer:

- 1 ms
- $1 \times 10^{9}$  s
- $1 \times 10^{23}$  s
- $1 \times 10^{5}$  s
- $1 \times 10^{60}$  s

Check the answer of this question online at QuizOver.com:

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