Reaction-Time Data Lab

Grade 5 | Psychology + math | Decimal data | Color

Learner: _____ Date: _____

A learner's four reaction times were 0.42, 0.38, 0.45, and 0.35 seconds. Analyze the data; faster means a smaller time.

TRY IT

Complete all six prompts. You may write, point, explain aloud, or use a scribe.

1 **Fastest time: _____ s**

_____

2 **Slowest time: _____ s**

_____

3 **Range: _____ s**

_____

4 **Sum of four times: _____ s**

_____

5 **Mean time: _____ s**

_____

6 **Why repeat a trial? _____**

_____



Grown-up check: 0.35 s; 0.45 s; 0.10 s; 1.60 s; 0.40 s; repeated trials reduce the effect of one unusual result and give a fairer estimate.

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