

Creating a data set for given values

**I do**

10 students timed themselves holding their breath. They had....

A mean time of 25 seconds

A median time of 24.5 seconds

A mode of 24 seconds

A range of 10 seconds

What could their actual times have been?

**We do**

Ryan took 6 social studies tests last semester. He had...

A mean grade of 85

A median grade of 86.5

A mode score of 83

A range of 10

What could his actual scores have been?

**You do together  
on whiteboard**

Melanie ran a 400 meter race  
6 times last season. Her....

Mean time was 68 seconds  
Median time was 68.5 seconds  
Mode time was 71 seconds  
Range of times was 7 seconds

What could her actual race  
times have been?

**You do alone on  
index card**

Daria has five brothers. Their

mean age is 7  
median age is 6  
mode age is 6  
range of ages is 8

What could their actual ages  
be?