



Sharpen your pencil

It's time to standardize. We'll give you a distribution and value, and you have to tell us what the standard score is.

1. $N(10, 4)$, value 6

2. $N(6.3, 9)$, value 0.3

3. $N(2, 4)$. If the standard score is 0.5, what's the value?

4. The standard score of value 20 is 2. If the variance is 16, what's the mean?