



Statistics - Standard Deviation - Values to Z-Score

1

Find the z-score.

A height of 165 cm comes from data with mean 160 cm and standard deviation 5 cm.

A	0.7	B	1.0
C	-1.0	D	1.5

2

Find the z-score.

A reaction time of 266 ms comes from data with mean 250 ms and standard deviation 20 ms.

A	-0.8	B	1.0
C	1.3	D	0.8

3

Find the z-score.

A test score of 76 comes from data with mean 72 and standard deviation 5.

A	0.8	B	-0.8
C	1.3	D	1.0

4

Find the z-score.

A reaction time of 331 ms comes from data with mean 320 ms and standard deviation 10 ms.

A	1.0	B	1.6
C	-1.1	D	1.1

5

Find the z-score.

A reaction time of 290 ms comes from data with mean 300 ms and standard deviation 20 ms.

A	0.5	B	-1.0
C	-0.5	D	-0.2

6

Find the z-score.

A exam mark of 144 comes from data with mean 100 and standard deviation 20.

A	-2.2	B	2.2
C	2.7	D	2.0

7

Find the z-score.

A test score of 86 comes from data with mean 75 and standard deviation 10.

A	1.1	B	1.6
C	1.0	D	-1.1

8

Find the z-score.

A exam mark of 126 comes from data with mean 100 and standard deviation 20.

A	1.3	B	-1.3
C	1.8	D	1.0