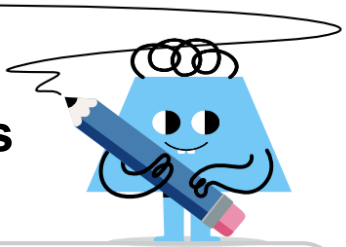
Name

Statistics - Standard Deviation - Values and Formula to Z-Score



1

Find the z-score.

A test score of 86 comes from data with mean 70 and standard deviation 10. Use z = (x - mean) / standard deviation.

A	-1.6	B	1.6
C	2.0	D	2.1

2

Find the z-score.

A test score of 75 comes from data with mean 72 and standard deviation 10. Use z = (x - mean) / standard deviation.

A	0.3	B	0.8
C	1.3	D	-0.3

3

Find the z-score.

A exam mark of 126 comes from data with mean 110 and standard deviation 10. Use z = (x - mean) / standard deviation.

A	2.0	B	1.6
C	2.1	D	-1.6

4

Find the z-score.

A height of 156 cm comes from data with mean 170 cm and standard deviation 10 cm. Use z = (x - mean) / standard deviation.

A	-1.9	B	-1.0
C	-1.4	D	1.4

5

Find the z-score.

A height of 170 cm comes from data with mean 165 cm and standard deviation 5 cm. Use z = (x - mean) / standard deviation.

A	1.0	B	1.5
C	-1.0	D	0.7

6

Find the z-score.

A exam mark of 150 comes from data with mean 120 and standard deviation 20. Use z = (x - mean) / standard deviation.

A	1.2	B	2.0
C	-1.5	D	1.5

7

Find the z-score.

A test score of 102 comes from data with mean 78 and standard deviation 10. Use z = (x - mean) / standard deviation.

A	-2.4	B	2.4
C	2.0	D	2.9

8

Find the z-score.

A exam mark of 114 comes from data with mean 120 and standard deviation 20. Use z = (x - mean) / standard deviation.

A	-0.3	B	0.3
C	-0.8	D	0.7