Name

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

1

A reaction time of 274 ms comes from data with mean 280 ms and standard deviation 10 ms. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Negative	Positive

2

A test score of 79 comes from data with mean 72 and standard deviation 5. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Positive	Negative

3

A exam mark of 107 comes from data with mean 110 and standard deviation 10. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Negative	Positive

4

A test score of 65 comes from data with mean 75 and standard deviation 5. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Positive	Negative

5

A exam mark of 146 comes from data with mean 100 and standard deviation 20. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Negative	Positive

6

A test score of 66 comes from data with mean 70 and standard deviation 5. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Positive	Negative

7

A test score of 82 comes from data with mean 75 and standard deviation 5. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Positive	Negative

8

A test score of 84 comes from data with mean 75 and standard deviation 5. Use z = (x - mean) / standard deviation.

Is the z-score positive or negative?

A	B
Positive	Negative