



Statistics - Standard Deviation - Z-Score and Z-Table Value to Percent

Above/Below

1

Find the percentage.

A exam mark has a z-score of 0.53. The z-table value for this z-score is 0.7019. What percentage of exam marks is below it?

A	0.30%	B	0.70%
C	29.81%	D	70.19%

2

Find the percentage.

A test score has a z-score of 1.88. The z-table value for this z-score is 0.9699. What percentage of test scores is below it?

A	96.99%	B	0.97%
C	3.01%	D	0.03%

3

Find the percentage.

A reaction time has a z-score of 2.41. The z-table value for this z-score is 0.9920. What percentage of reaction times is below it?

A	0.01%	B	0.99%
C	0.80%	D	99.20%

4

Find the percentage.

A exam mark has a z-score of 0.91. The z-table value for this z-score is 0.8186. What percentage of exam marks is above it?

A	81.86%	B	0.18%
C	18.14%	D	0.82%

5

Find the percentage.

A reaction time has a z-score of 1.61. The z-table value for this z-score is 0.9463. What percentage of reaction times is below it?

A	94.63%	B	5.37%
C	0.95%	D	0.05%

6

Find the percentage.

A exam mark has a z-score of 2.43. The z-table value for this z-score is 0.9925. What percentage of exam marks is below it?

A	99.25%	B	0.75%
C	0.99%	D	0.01%

7

Find the percentage.

A test score has a z-score of 2.21. The z-table value for this z-score is 0.9864. What percentage of test scores is below it?

A	0.01%	B	1.36%
C	0.99%	D	98.64%

8

Find the percentage.

A test score has a z-score of 1.06. The z-table value for this z-score is 0.8554. What percentage of test scores is below it?

A	85.54%	B	0.14%
C	0.86%	D	14.46%