



## Statistics - Standard Deviation - Integer Z-Score to Percent Above/Below

1

Find the percentage.

A reaction time has a z-score of 2. Using the empirical rule, what percentage of reaction times is above it?

A	84.1%	B	0.2%
C	2.3%	D	97.7%

2

Find the percentage.

A exam mark has a z-score of 1. Using the empirical rule, what percentage of exam marks is below it?

A	84.1%	B	50.0%
C	15.9%	D	2.3%

3

Find the percentage.

A reaction time has a z-score of 2. Using the empirical rule, what percentage of reaction times is below it?

A	84.1%	B	97.7%
C	2.3%	D	0.2%

4

Find the percentage.

A reaction time has a z-score of -2. Using the empirical rule, what percentage of reaction times is above it?

A	84.1%	B	0.2%
C	2.3%	D	97.7%

5

Find the percentage.

A height has a z-score of 2. Using the empirical rule, what percentage of heights is above it?

A	97.7%	B	2.3%
C	0.2%	D	84.1%

6

Find the percentage.

A height has a z-score of 1. Using the empirical rule, what percentage of heights is above it?

A	2.3%	B	15.9%
C	84.1%	D	50.0%

7

Find the percentage.

A test score has a z-score of 1. Using the empirical rule, what percentage of test scores is below it?

A	15.9%	B	50.0%
C	2.3%	D	84.1%

8

Find the percentage.

A test score has a z-score of 2. Using the empirical rule, what percentage of test scores is below it?

A	2.3%	B	84.1%
C	0.2%	D	97.7%