



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

1

Find the z-score.

Using the empirical rule, 99.8% of exam marks is below a value. What is its z-score?

A	4	B	3
C	-3	D	2

2

Find the z-score.

Using the empirical rule, 97.7% of test scores is above a value. What is its z-score?

A	-2	B	2
C	-3	D	-1

3

Find the z-score.

Using the empirical rule, 2.3% of reaction times is below a value. What is its z-score?

A	-2	B	-1
C	2	D	-3

4

Find the z-score.

Using the empirical rule, 84.1% of reaction times is above a value. What is its z-score?

A	0	B	-2
C	1	D	-1

5

Find the z-score.

Using the empirical rule, 15.9% of heights is below a value. What is its z-score?

A	1	B	-1
C	-2	D	0

6

Find the z-score.

Using the empirical rule, 97.7% of reaction times is below a value. What is its z-score?

A	2	B	-2
C	3	D	1

7

Find the z-score.

Using the empirical rule, 2.3% of heights is above a value. What is its z-score?

A	1	B	2
C	-2	D	3

8

Find the z-score.

Using the empirical rule, 2.3% of test scores is below a value. What is its z-score?

A	-2	B	-3
C	-1	D	2