



Problem: Original data units: m

variance units: m2

Solution: Square root!

a = 105

Standard Deviation:

"Square root of

average square distances of values from the mean"

"How far away are values from the mean ..."

How large is SD?

1s 10.7 large? How about 1094?

- Depends on the mean ...

 $\frac{10.7}{100}$ * 100 = 10.7

 $\frac{1094}{100,000}$ $\times 100 = 1.09$

Coefficient	٠	ملاء .	~ `~	20	
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