mean (mdian)

Function Performed:

mean (simple average)

$$R = \frac{1}{x}\sum_{i=1}^{X} S[i]$$

mdian (median)

Sort. report mid point. When X is even, report average of two midpoints.

Consumed:

X, and X additional stack items.

Results in:

X

Alt Function:

YES

Flags:

mean

O	U	E	N	C
X		X	X	

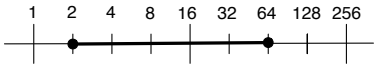
mdian

O	U	E	N	C
X		X	X	

Restrictions:

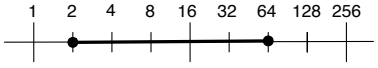
mean

X - Must be integer and



mdian

X - Must be integer and



stdev (psdev)

Function Performed:

stdev Sample Deviation

$$R = \sqrt{\frac{1}{X\text{-}1}\sum_{i=1}^{X}\left(S[i] - \frac{1}{x}\sum_{i=1}^{X} S[i]\right)^2}$$

psdev Population Deviation

$$R' = \sqrt{\frac{1}{x}\sum_{i=1}^{X}\left(S[i] - \frac{1}{x}\sum_{i=1}^{X} S[i]\right)^2}$$

Consumed:

X, and X additional stack items.

Results in:

X

Alt Function:

YES

Flags:

stdev

O	U	E	N	C
X		X		

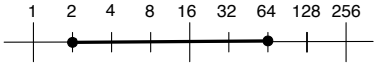
psdev

O	U	E	N	C
X		X	X	

Restrictions:

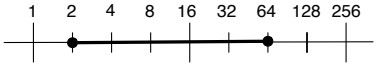
stdev

X - Must be integer and



psdev

X - Must be integer and



∑S[] (∏S[])

Function Performed:

sum Simple Sum

$$R = \sum_{i=1}^{X} S[i]$$

prdct Simple Product

$$R' = \prod_{i=1}^{x} S[i]$$

Consumed:

X, and X additional stack items.

Results in:

X

Alt Function:

YES

Flags:

sum

O	U	E	N	C
X		X	X	

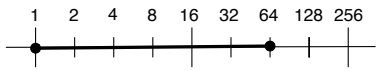
prdct

O	U	E	N	C
X		X	X	

Restrictions:

sum

X - Must be integer and



prdct

X - Must be integer and