This example illustrates a few functions.

Numbers:	Functions:	
2	110	total
4	11	average
6	2	smallest
8	5.7445626	standard deviation
10		
12		
14		
16		
18		
20		

Try changing the numbers in A5 through A15,
then check the formulii in C5 through C8.

This example illustrates conditional evaluation
using the IF function. Try changing the numbers in
cells A27 and A28. Can you figure out what is
happening to A30, when you do that? Look at A30 to
see how it was done.

22
44
44

This example calculates the internal rate of return of a ten-year investment.

$1000.00	investment amount
$250.00	annual payout
21.4%	internal rate of return

Income Stream:

-$1000.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00

This example calculates the present value of a ten-year income stream.

$250.00	annual income
10.0%	interest rate
$1536.14	present value

Income Stream:

$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00

This example calculates the present value of a ten-year investment.

$1000.00	investment amount
$250.00	annual payout
10.0%	interest rate
$487.40	present value

Income Stream:

-$1000.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00

This example illustrates a table lookup function.

Income:	25000
Rate:	10%

Tax Rate Table

Income	Rate
$0.00	0%
$10000.00	5%
$20000.00	10%
$30000.00	15%
$40000.00	20%
$50000.00	25%
$60000.00	30%
$70000.00	35%
$80000.00	40%
$90000.00	45%
$100000.00	50%

This function is more complex. Try changing the "sex" in F145 and see what happens to the average "amount."

NAME	SEX	AMOUNT
John Press	m	12
Roberto Lastrico	m	22
Natalia Lastrico	f	30
Samantha Press	f	100
Carla Lastrico	f	200
Thomas Lasorda	m	12
Evelyn Ashford	f	300
Mary Decker	f	400
Carl Lewis	m	21
Edwin Moses	m	18
William Banks	m	11
average		16

SEX
m