

## Weighting

You may change the points awarded for a correct answer. You are no longer required to use whole numbers. For example, you may choose 1.5 as the points rewarded for a particular question.

**Weighting:** In the example below the 1<sup>st</sup> is run as a regular 10 question exam with one correct answer. The 2nd had question 1 as being marked as worth "2" points instead of "1". Note the change in Total Points possible and Maximum Score.

### Run as standard 10 question Exam

Filter: Test Name = MTH 4500 02

	Overall
<b>Score Data</b>	
Number of Graded Items	10
Total Points Possible	10
Maximum Score	10
Minimum Score	3
<b>Statistics</b>	
Mean Score	7.50
Mean Percent Score	75.00
Benchmark Score	-
Range of Scores	7.00
Standard Deviation	1.86
Variance	3.45
<b>Percentiles</b>	
Percentile (25)	7.00
Median Score	8.00
Percentile (75)	9.00
Inter Quartile Range	2.00
<b>Confidence Intervals</b>	
1%	5.59
5%	6.17
95%	8.83
99%	9.41
<b>Test Reliability</b>	
Kuder-Richardson Formula 20	0.56
Kuder-Richardson Formula 21	0.51
Coefficient (Cronbach) Alpha	0.56

### Run as 10 question Exam with question Number 1 worth "2" points instead of "1"

Filter: Test Name = MTH 4500 02

	Overall
<b>Score Data</b>	
Number of Graded Items	10
Total Points Possible	11
Maximum Score	11
Minimum Score	3
<b>Statistics</b>	
Mean Score	8.30
Mean Percent Score	75.45
Benchmark Score	-
Range of Scores	8.00
Standard Deviation	2.15
Variance	4.61
<b>Percentiles</b>	
Percentile (25)	7.00
Median Score	9.00
Percentile (75)	10.00
Inter Quartile Range	3.00
<b>Confidence Intervals</b>	
1%	6.09
5%	6.76
95%	9.84
99%	10.51
<b>Test Reliability</b>	
Kuder-Richardson Formula 20	0.56
Kuder-Richardson Formula 21	0.77
Coefficient (Cronbach) Alpha	0.58

# Weighting

## Normal vs Weighted

### Overall

Student	Grade	Total	Percent
BEVERTONE ,NEL ,U54355555	B	8 / 10	80.00
CAT ,GRUMPY,U77654311	A	10 / 10	100.00
EVERDEEN ,KATNIS,U66600024	D	6 / 10	60.00
HALPERT ,JIM ,U77624433	A	9 / 10	90.00
HOWE ,BOB ,U12345679	C	7 / 10	70.00
MILLER ,NICK ,76543210	A	9 / 10	90.00
REGGAT ,ALICE ,U12121212	B	8 / 10	80.00
RIDDLE ,TOM ,U01234567	C	7 / 10	70.00
ROCTOR ,PAM ,88345678	F	3 / 10	30.00
S* RROW ,JACK ,33690100	B	8 / 10	80.00
<b>Mean</b>	C	7.50	75.00

### Overall

Student	Grade	Total	Percent
BEVERTONE ,NEL ,U54355555	B	9 / 11	81.82
CAT ,GRUMPY,U77654311	A	11 / 11	100.00
EVERDEEN ,KATNIS,U66600024	D	7 / 11	63.64
HALPERT ,JIM ,U77624433	A	10 / 11	90.91
HOWE ,BOB ,U12345679	C	8 / 11	72.73
MILLER ,NICK ,76543210	A	10 / 11	90.91
REGGAT ,ALICE ,U12121212	B	9 / 11	81.82
RIDDLE ,TOM ,U01234567	D	7 / 11	63.64
ROCTOR ,PAM ,88345678	F	3 / 11	27.27
S* RROW ,JACK ,33690100	B	9 / 11	81.82
<b>Mean</b>	C	8.30	75.45