

Name _____ Date _____ Teacher _____ Score _____

1, $6+(12*16)*3^2$

2, $(1^9)+24*4/6$

3, $12*(4+6)/6-4$

4, $2^2+(3^3-9)*9/3$

5, $[81/(9+3)-2]*4$

6, $[6+(6-9)]*4/2$

7, $9+4*13/4-4+6$

8, $12*(6^2/12)-123$

9, $7/(2-6)*7*(3/2)$

10, $(-6+4)/6*4*2$

Extra credit (1 point, do this to make up points you might miss) $(4!+5!)*(66/12)+16^2-146$

Key

1, $6+(12*16)*3^2$
 $6+192*3^2$
 $6+192*9$
 $6+1728$
1734

3, $12*(4+6)/6-4$
 $12*10/6-4$
 $120/6-4$
 $20-4$
16

5, $[81/(9+3)-2]*4$
 $[81/12-2]*4$
 $[6.75-2]*4$
 $4.75*4$
19

7, $9+4*13/4-4+6$
 $9+52/4-4+6$
 $9+13-4+6$
 $22-4+6$
 $18+6$
24

9, $7/(2-6)*7*(3/2)$
 $7/-4*7*(3/2)$
 $7/-4*7*1.5$
 $-1.75*7*1.5$
 $-12.25*1.5$
-18.375

2, $(1^9)+24*4/6$
 $1+24*4/6$
 $1+96/6$
 $1+16$
17

4, $2^2+(3^3-9)*9/3$
 $2^2+(27-9)*9/3$
 $2^2+18*9/3$
 $4+18*9/3$
 $4+162/3$
 $4+54$
58

6, $[6+(6-9)]*4/2$
 $[6+-3]*4/2$
 $3*4/2$
 $3*2$
6

8, $12*(6^2/12)-123$
 $12*(36/12)-123$
 $12*3-123$
 $36-123$
-87

10, $(-6+4)/6*4*2$
 $-2/6*4*2$
 $-1/3*4*2$
 $-1\frac{1}{3}*2$
 $-2\frac{2}{3}$ or -2.66666

$(4!+5!)*(66/12)+16^2-146$
 $(24+5!)*(66/12)+16^2-146$
 $(24+120)*(66/12)+16^2-146$
 $144*(66/12)+16^2-146$
 $144*5.5+16^2-146$
 $144*5.5+256-146$
 $792+256-146$
 $1048-146$
902