|  |  |  |  |
| --- | --- | --- | --- |
| Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | http://www.edhelperclipart.com/clipart/edhelp1.gif | Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Evaluate Expressions**

**Part I: Use substitution to evaluate each expression.** SHOW YOUR WORK!! (No work = no credit!)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 1. | |  |  |  | | --- | --- | --- | | 9*y* | - | 3 |   for *y* = 11 | | |  |  | | --- | --- | | 2. | 7*m*  for *m* = 5 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 3. | |  |  |  | | --- | --- | --- | | *d*2 - 2*d* |  |  |     for *d* = 9 | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 4. | |  |  |  | | --- | --- | --- | | 6*q* | + | 39 |   for *q* = 10 | | |  |  |  | | --- | --- | --- | | 5. | |  | | --- | | 6*v* |   for *v* = 3 | | |  |  | | --- | --- | | 6. | *j*3 + 11  for *j* = 8 | |
| |  |  | | --- | --- | | 7. | 2*k*2 + 5*k* + 2  for *k* = 11 | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 8. | |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | *n* http://www.edhelperclipart.com/clipart/fractdiv1.gif 3 | | + | *n* |   for *n* = 27 | | |  |  | | --- | --- | | 9. | a ÷ 3  for a = 42 | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 10. | |  |  |  | | --- | --- | --- | | 4 (11 + *p*) | + | 13 |   for *p* = 89 | | |  |  | | --- | --- | | 11. | *h*3 - 2  for *h* = 7 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 12. | |  |  |  | | --- | --- | --- | | 14*z* | - | 1 |     for *z* = 9 | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | 13. | |  |  |  | | --- | --- | --- | | 15*e* | + | 37 |   for *e* = 5 | | |  |  | | --- | --- | | 14. | 19*r*  for *r* = 8 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 15. | |  |  |  | | --- | --- | --- | | *x*2 + 2*x* + 4 | + | *x* |     for *x* = 10 | |
| |  |  | | --- | --- | | 16. | 7 (4 + *h*)  for *h* = 21 | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 17. | |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | 13 + *w* | |  |  |   for *w* = 26 | | |  |  | | --- | --- | | 18. | b – 15  for b = 15 | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 19. | |  |  |  |  | | --- | --- | --- | --- | | |  | | --- | | *y* http://www.edhelperclipart.com/clipart/fractdiv2.gif 12 | | + | *y* |     for *y* = 72 | | |  |  | | --- | --- | | 20. | 3*b*2 + 5*b*  for *b* = 2 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 21. | |  |  |  | | --- | --- | --- | | 8*e* | + | 22 |     for *e* = 5 | |
| |  |  | | --- | --- | | 22. | 2*x*2 - 11*x* + 6  for *x* = 12 | | |  |  | | --- | --- | | 23. | *p*3 - 4*p*  for *p* = 4 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | 24. | |  |  |  | | --- | --- | --- | | 16 (3 + *a*) | - | *a* |     for *a* = 13 | |