|  |  |  |  |
| --- | --- | --- | --- |
| 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 + 11for *j* = 8 |

 |
|

|  |  |
| --- | --- |
| 7.   | 2*k*2 + 5*k* + 2for *k* = 11 |

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 8.   |

|  |  |  |  |
| --- | --- | --- | --- |
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|  |
| --- |
| *n*http://www.edhelperclipart.com/clipart/fractdiv1.gif3 |

 |    +    | *n* |

for *n* = 27 |

 |

|  |  |
| --- | --- |
| 9.   | a ÷ 3 for a = 42 |

 |
|

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 10.   |

|  |  |  |
| --- | --- | --- |
| 4 (11 + *p*) |    +    | 13 |

for *p* = 89 |

 |

|  |  |
| --- | --- |
| 11.   | *h*3 - 2for *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 – 15for b = 15 |

 |
|

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 19.   |

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |
| --- |
| *y*http://www.edhelperclipart.com/clipart/fractdiv2.gif12 |

 |    +    | *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* + 6for *x* = 12 |

 |

|  |  |
| --- | --- |
| 23.   | *p*3 - 4*p*for *p* = 4 |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 24.   |

|  |  |  |
| --- | --- | --- |
| 16 (3 + *a*) |    -    | *a* |

for *a* = 13 |

 |