**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_ 12/2/13**

**Solving Equations.**

**Solve each equation. Show all of your steps for full credit.**

|  |  |
| --- | --- |
| $1. $$4x+7=15$  4x =  X =  | 2. $3x+7=19$ |
| 3. $5x+4=19$ | 4. $7x-1=13$ |
| 5. $2x-13= 3$ | 6. $3x-5=19$ |
| 7. $15=10x-5$ = 10x = **x** | 8. 23 = 9x + 5 |
| 9. $11=5x-4$ | 10. $-3x-6=9$ |
| 11.  $4x-10=32-3x$ +3x + 3x 7x - 10 = 32 +10 +10 7x = 42 7 7  X = 6 | 12.  $5x-2=3x+6$ |
| 13.  $8y+4=11y-17$ | 14.  $m-1=9m+15$ |
| 15.  $6x=5x-33$ | 16.  $8x=6x-14$ |
| 17.  $10x-22=-x$ | 18.  $5x+24=-x$ |
| 19.  $2\left(4x+5\right)=8x+10$ | 20.  $x-1=x+7$ |