

1.25.16

Update: You may use a 3 x 5 card, handwritten, on the final. It must be turned in with your test.

We have looked at linear, quadratic, and exponential regressions.

Which regression do you think would best fit each table and why? (You may use the calculator to help you.)

| x  | y  |
|----|----|
| -2 | 48 |
| -1 | 24 |
| 0  | 12 |
| 1  | 6  |
| 2  | 3  |

~~Quad~~  
EXP. ✓  
24 D.  
12 > 12 > 6  
6 > 6 > 3  
3 > 3

| x  | y  |
|----|----|
| -2 | 3  |
| -1 | 4  |
| 0  | 7  |
| 1  | 12 |
| 2  | 19 |

~~Exp 6.~~  
Quadratic  
1 > 2  
3 > 2  
5 > 2  
7 > 2

| x  | y  |
|----|----|
| -2 | 17 |
| -1 | 20 |
| 0  | 23 |
| 1  | 26 |
| 2  | 29 |

Linear  
3  
3  
3  
3