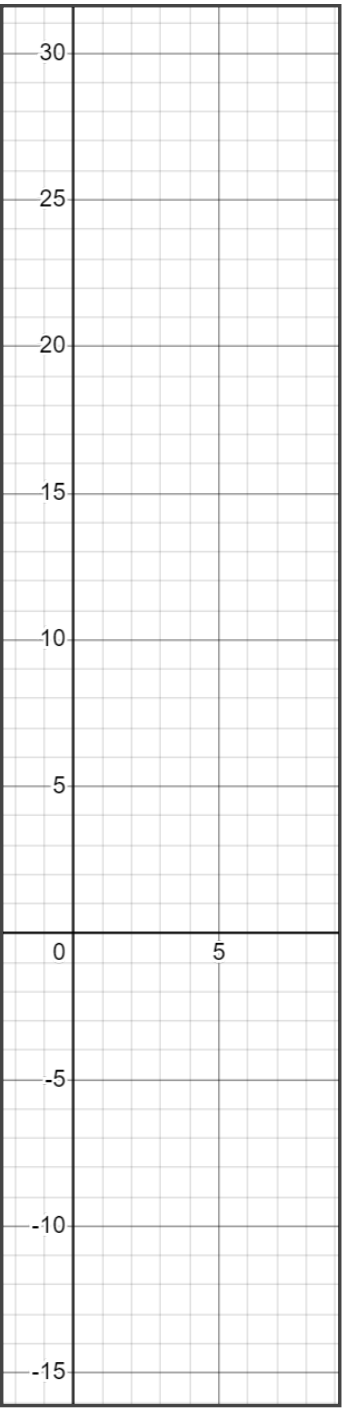
30
25
20
15
10
5
0
5
-5
-10
-15

1

$$m_1 = 18$$

2

$$m_2 = 19$$

3

$$m_3 = 20$$

4

$$m_4 = 21$$

5

$$m_5 = 22$$

6

$$m_6 = 23$$

7

$$m_7 = 24$$

8

$$m_8 = 25$$

9

current

10

$$p = n\left(k_1 + k_2 + k_3 + k_4 + k_5 + k_6 + k_7 + k_8\right)$$

$$p = 69220800$$

11

$$k_1 = \frac{(18)(19)(20)(21)(22)(23)(24)(25) \quad - \quad (19-m_1)(20-m_1)(21-m_1)(22-m_1)(23-m_1)(24-m_1)(25-m_1)(26-m_1)}{8!}$$

$$k_1 = 1081574$$

12

$$k_2 = \frac{(19-m_1)(20-m_1)(21-m_1)(22-m_1)(23-m_1)(24-m_1)(25-m_1) \quad - \quad (20-m_2)(21-m_2)(22-m_2)(23-m_2)(24-m_2)(25-m_2)(26}{7!}$$

$$k_2 = 0$$

13

$$k_3 = \frac{(20-m_2)(21-m_2)(22-m_2)(23-m_2)(24-m_2)(25-m_2) \quad - \quad (21-m_3)(22-m_3)(23-m_3)(24-m_3)(25-m_3)(26-m_3)}{6!}$$

$$k_3 = 0$$

14

$$k_4 = \frac{(21-m_3)(22-m_3)(23-m_3)(24-m_3)(25-m_3) \quad - \quad (22-m_4)(23-m_4)(24-m_4)(25-m_4)(26-m_4)}{5!}$$

$$k_4 = 0$$

15

$$k_5 = \frac{(22-m_4)(23-m_4)(24-m_4)(25-m_4) \quad - \quad (23-m_5)(24-m_5)(25-m_5)(26-m_5)}{4!}$$

$$k_5 = 0$$

16

$$k_6 = \frac{(23-m_5)(24-m_5)(25-m_5) \quad - \quad (24-m_6)(25-m_6)(26-m_6)}{3!}$$

$$k_6 = 0$$

17

$$k_7 = \frac{(24-m_6)(25-m_6) \quad - \quad (25-m_7)(26-m_7)}{2!}$$

$$k_7 = 0$$

18

$$k_8 = \frac{\left(25 - m_7\right) \quad - \quad \left(26 - m_8\right)}{1!} + 1$$

$$k_8 = 1$$

19

$$p_1 = 3$$

20

$$p_2 = 5$$

21

$$p_3 = 7$$

22

$$p_4 = 8$$

23

$$n = \frac{(5)(6)(7)(8) \quad - \quad \left(6 - p_1\right)\left(7 - p_1\right)\left(8 - p_1\right)\left(9 - p_1\right)}{4!} + \frac{\left(6 - p_1\right)\left(7 - p_1\right)\left(8 - p_1\right) \quad - \quad \left(7 - p_2\right)\left(8 - p_2\right)\left(9 - p_2\right)}{3!} + \frac{\left(7 - p_2\right)\left(8 - p_2\right) \quad - \quad (}{2!}$$

$$n = 64$$

24