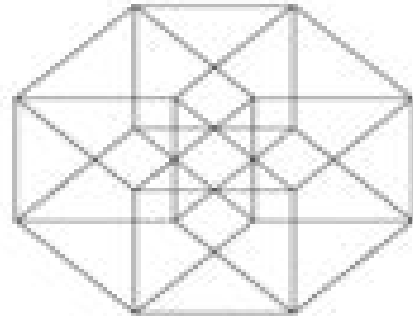


Name _____ Period _____

8	25	5	18	4	80	6	37	7	85	10	12	23
22	9	31	14	1	52	42	9	5	9	1	1	11
9	7	1	14	14	21	25	10	1	1	11	21	1
19	90	6	9	81	8	2	1	1	1	1	1	25
50	85	100	6	7	41	44	10	10	10	1	1	18
5	17	5	5	7	4	3	1	1	1	1	1	1
21	18	1	1	20	1	20	11	1	1	1	1	1
11	18	14	1	1	1	1	1	1	1	1	1	1
8	14	21	1	4	57	1	1	1	1	1	1	1
18	3	1	1	1	1	1	1	1	1	1	1	1
1	47	1	1	1	1	1	1	1	1	1	1	1
18	18	18	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1
5	15	22	1	1	1	1	1	1	1	1	1	1
5	15	1	1	1	1	1	1	1	1	1	1	1

Instructions:
Find x and color in the triangle(s) that correspond to the value. For this assignment, you need only one color. A pencil or pen will work fine.



Single Step Equations

1) $x - 31 = 54$

2) $x - 32 = 25$

3) $13x = 0$

4) $7x = -343$

Multi-Step Equations

5) $2x - 6 = 40$

6) $3x - 7 = 56$

7) $11x - 1 = -122$

Combining Like Terms First

8) $2x + 3x - 5 = 20$

9) $7x - 3x - 50 = 50$

10) $8x - 6x + 2 = 50$

Distribute First

11) $6(x - 1) = 30$

12) $10(x + 1) = 110$

Solving Equations with Variables on Both Sides

13) $5x = 6x + 9$

Hint: Move all of the x 's to one side. Since $6x$ is smaller, move it to the left side by subtracting it from both sides.

14) $8x = 3x + 20$

15) $20x = 12x + 16$