Name _____ color _____

Oscar Reutersvard's Penrose Square --

Solve the quadratic.
Connect the answers in order, perhaps w/a straightedge.

Start a new line.

1. $x^2 - 8x + 16 = 0$
2. $(x + 1)(x + 2) = 0$
3. $x^2 - 7x + 12 = 0$

Start a new line.

4. $x^2 + 3x = -2$
5. $(x - 2)(x - 4) = 0$

Start a new line.

6. $x^2 + 1x - 6 = 0$
7. $x^2 - 3x - 10 = 0$
8. $x^2 - 6x + 9 = 0$
9. $x^2 = 6x - 8$
10. $x^2 + x = 6$
11. $(x - 6)^2 = 0$
12. $x^2 + 5x + 9 = -x$
13. $x^2 + 1 = -2x$
14. $x^2 + 8x + 16 = 0$
15. $x^2 + 14x + 49 = 0$
16. $x^2 - 6x + 5 = 0$
17. $x^2 + 7x + 10 = 0$
18. $x^2 - x - 6 = 0$

Start a new line.

19. $x^2 - 3x - 4 = 0$
20. $x^2 + x - 20 = 0$
21. $x^2 - 18x + 81 = 0$
22. $x^2 - 10x + 24 = 0$
23. $x^2 + 12x + 36 = 0$
24. $(x + 5)^2 = 0$
25. $x^2 - 8x + 15 = 0$
26. $x^2 + 16x + 64 = 0$
27. $x(x + 1) = 0$
28. $x^2 - 5x + 6 = 0$
29. $x^2 - 4x + 4 = 0$
30. $x^2 - 6x + 9 = 0$

Start a new line.

31. $x^2 + 10x + 25 = 0$
32. $-x^2 + 5x - 6 = 0$
33. $x^2 - 5x = 0$
34. $x^2 = 0$
35. $x^2 - 8x + 16 = 0$
36. $x(x-1)(x-2) = 0$
37. $x^2 - 3x - 10 = 0$

Start a new line.

38. $x^3 - 3x^2 + 2x = 0$
39. $12 + x^2 = 7x$
40. $x^2 - 2x + 1 = 0$
41. $(x - 8)^2 = 0$
42. $x^2 - 10x + 5 = -20$
43. $x^2 + 4x + 4 = 0$
44. $x^2 - 7x + 6 = 0$
45. $x^2 - 5x - 6 = 0$
46. $x^2 + 7x + 12 = 0$
47. $x^2 + 7x + 6 = 0$

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