

Linear Art Design Project

Plot the linear equations to make one diamond, one star, and two rhombuses.

$Y=mx+b$

- Line #1: $Y=16$
- Line #2: $Y=1x+25$
- Line #3: $Y=-1x+-8$
- Line #4: $Y=1x+-8$
- Line #5: $Y=-1x+25$

Lines 1-5 will make one diamond.

- Line #6: $Y=3x+13$
- Line #7: $Y=-3x+13$
- Line #8: $Y= 7$
- Line #9: $Y= 1/2x+3$
- Line #10: $Y= -2x+ 8$
- Line #11: $Y= -1/3x+1$
- Line #12: $Y= 1/3x+1$
- Line #13: $Y= 3/2x+7$
- Line #14: $Y= 1/2x+3$

Lines 6-14 will m make 1 star.

- Line #15: $Y= 1x+6$
- Line #16: $Y= -1x+-17$
- Line #17: $Y= 1x+-2$
- Line #18: $Y=-1x+ -25$

Lines 15- 18 will make the first diamond.

- Line #19: $Y= 1x+ -18$
- Line #20: $Y= 1x+6$
- Line #21: $Y= 1x+-24$
- Line #22: $Y=-1x+-2$