

Linear Art Designs

Graph each line on the graph paper using a pencil. Use a straight edge, like a ruler, to draw your lines. Make sure to extend your lines. For the points in the box, plot them but don't extend them or it will look wrong.

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|----------------|--------|--------|--------|
| 1. $Y=1/2x$ | (3,0) | (2,0) | (1,0) |
| 2. $Y=-1/2x$ | (0,3) | (0,2) | (0,1) |
| 3. $Y=-4/6x-4$ | (-3,0) | (-2,0) | (-1,0) |
| 4. $Y=4/6+4$ | (0,-3) | (0,-2) | (0,-3) |
| 5. $Y=5/6+4$ | (3,0) | (2,0) | (1,0) |
| 6. $Y=-5/6x-5$ | STOP | STOP | STOP |
| 7. $Y=9$ | | | |
| 8. $Y=3$ | | | |
| 9. $Y=-3$ | | | |
| 10. $Y=-9$ | | | |
| 11. $X=6$ | | | |
| 12. $X=-6$ | | | |