

STAINED GLASS INSTRUCTIONS

- 1) GRAPH EACH OF THE LINES ON A PIECE OF GRAPH PAPER USING A PENCIL. USE A STRAIGHTEDGE TO MAKE SURE YOUR LINES ARE STRAIGHT. EXTEND LINES TO THE EDGE OF THE PAPER. YOU MAY, IF YOU PREFER, TRIM THEM WHEN YOU ARE FINISHED.
- 2) WHEN YOU FINISH GRAPHING EACH LINE, COLOR THE DESIGN AND CUT IT OUT. GLUE IT TO A PIECE OF CONSTRUCTION PAPER.
- 3) IF YOU WISH, YOU MAY GO OVER PARTS OF THE DESIGN WITH A DARK MARKER, CRAYON, PEN, ETC.

GRAPH EACH OF THE FOLLOWING:

- 1) $y=4x+10$
- 2) $y=-4x+10$
- 3) $y=10$
- 4) $y=-10$
- 5) $y=4x-10$
- 6) $y=-4x-10$
- 7) $y=4x+0$
- 8) $y=-4x+0$
- 9) $x=5$
- 10) $x=-5$
- 11) $x=15$
- 12) $x=-15$

PLOT EACH OF THE FOLLOWING:

- | | | | |
|-------------|-------------|-------------|-------------|
| $(-8, 5)$ | $(8, 5)$ | $(8, -5)$ | $(-8, -5)$ |
| $(-10, 3)$ | $(10, 3)$ | $(10, -3)$ | $(-10, -3)$ |
| $(-12, 5)$ | $(12, 5)$ | $(12, -5)$ | $(-12, -5)$ |
| $(-10, 7)$ | $(10, 7)$ | $(10, -7)$ | $(-10, -7)$ |
| $(-8, 5)$ | $(8, 5)$ | $(8, -5)$ | $(-8, -5)$ |
| STOP | STOP | STOP | STOP |

***CUT OUT AT $x=15$ & $x=-15$; $y=10$ & $y=-10$ ***

