

Graphing Lines Heart Review

Directions: Read each problem below and graph each line. Put the problem number next to the line. Your goal is to correctly graph each line, as well as correctly coloring each heart.

1. Graph the line $y = 3x$. Color the heart it goes through red.
2. Graph the line $y = x + 1$. Color the heart it goes through blue.
3. Graph the line $2x + y = -5$. Color the heart it goes through green.
4. Graph the line $3(y + 2) = -x$. Color the heart it goes through red.
5. Put a point at $(-5, 1)$ and color the heart blue. Make a line with a positive slope going through this point.
6. Put a point at $(3, 0)$ and color the heart green. Make a line with a negative slope going through this point.
7. Put a point at $(5, -6)$ and color the heart blue. Make a line with zero slope going through this point.
8. Color the remaining heart a different color (something other than red, blue, or green).

