

Rewrite equation into Slope-Intercept Form Cue Card – Words Only

GOAL: Get equation into Slope-Intercept Form: $y = mx + b$

| General Rules: | | |
|----------------|---|---|
| Step 1: | Is there an x-term or constant on the same side as y? | |
| | Yes; use inverse operations to undo the x-term or constant & go to Step 2 "NO" | No; Move to step 2 |
| Step 2: | Is the equation arranged in the general format of "$y = mx + b$"? | |
| | Yes; Move to step 3 | No; Arrange the terms to be in the general form " $y = mx+b$ " (KEEP THE COEFFICIENT and/or SIGN IN FRONT WITH THE TERM) |
| Step 3: | Does y have a coefficient of POSITIVE 1? | |
| | Yes; you are done rearranging | No; Divide all terms by the coefficient and rewrite. (Keep as a fraction and simplify or for real world problem a decimal up to 2 places to right) |