**Analyzing Graphs of Lines** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fill in the table for each graph given. For “Sign of slope” write positive, negative, or none. If the *x*-intercept is starred (\*), show work for calculating the *x*-intercept on the back.

*y*

*x*

*y*

*x*

*y*

*x*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Graph 1** | **Solid** | **Dashed** |  | **Graph 2** | **Solid** | **Dashed** |  | **Graph 3** | **Solid** | **Dashed** |
| *y*-intercept |  |  | *y*-intercept | (0, -1.5) |  | *y*-intercept |  |  |
| Sign of slope |  |  | Sign of slope |  |  | Sign of slope |  |  |
| Slope as fraction |  |  | Slope as fraction |  |  | Slope as fraction |  |  |
| Equation |  |  | Equation |  |  | Equation |  |  |
| *x*-intercept |  |  | *x*-intercept\* |  |  | *x*-intercept\* |  |  |

*y*

*x*

*y*

*x*

*y*

*x*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Graph 4** | **Solid** | **Dashed** |  | **Graph 5** | **Solid** | **Dashed** |  | **Graph 6** | **Solid** | **Dashed** |
| *y*-intercept |  |  | *y*-intercept |  |  | *y*-intercept |  |  |
| Sign of slope |  |  | Sign of slope |  |  | Sign of slope |  |  |
| Slope as fraction |  |  | Slope as fraction |  |  | Slope as fraction |  |  |
| Equation |  |  | Equation |  |  | Equation |  |  |
| *x*-intercept\* |  |  | *x*-intercept |  |  | *x*-intercept\* |  |  |