**Silly Sally Error Analysis Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



Sally is a silly little girl that makes silly mistakes! **CHOOSE ANY 4 PROBLEMS BELOW**. Analyze her work in Column #1, and *circle her mistake*. In Column #2, explain what she did wrong. In Column #3, show how Silly Sally should work out the problem. Show ALL work!

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| --- | --- | --- |
| Silly Sally’s Work  (Circle her mistake): | What did Silly Sally do wrong? | Show Silly Sally how it’s done!  (Show ALL steps!) |
| 6x + 5x + 2y  11x + 2y  13xy |  |  |
| 3a2 + 4a2 – a2  7a2 – a2  8a2 |  |  |
| m + 3m – 4m + 2m  4m – 4m + 2m  16m + 2m  18m |  |  |
| 6y3 + 2y2 + 4y3 + 2y2  8y2 + 4y3 + 2y2  10y2 + 4y3 |  |  |
| 13x + 5 + 17x – 4.5 + x  18x + 17x – 4.5 + x  35x – 4.5 + x  30.5x + x  31.5x |  |  |
| 12r2 + 3 + 8rs + 4r2 -16r2  16r2 + 3 + 8rs – 16r2  24r2s + 3 – 16r2  8r2s + 3 |  |  |

**\*\* Choose ONE Extension Problem, and complete it on the back of this sheet. \*\***

**Extension A**: Create your own problem that has at least 8 terms and has a solution of 15x + 18y.

**Extension B**: Create two of your own “banks” and draw a picture of them. Include drawers (d), stacks (s), and loose change (1). Write and answer two problems about these banks!