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**Solving for y with Cups and Candy**

Today our goal is to CONVERT equations into the y=mx+b form.

Ax + By = C y = mx + b

**Activity**

1. Model the equation on your integer maths with your pieces…

* Constants = counters
* Xs = Candy
* Ys = Cups

1. MOVE your pieces to isolate the ys.
2. Write the STEPS that accompany your models.
3. CIRCLE your final answer. It should be in the y=mx + b form.

Examples -

1. 2x + y = -5 2. 4x + 2y = 8 3. -3x + 3y = 6

Now you and your partner try the rest.

1. 2x + 2y = -10 5. -2x + 4y = =8 6. –x + 4y = 4