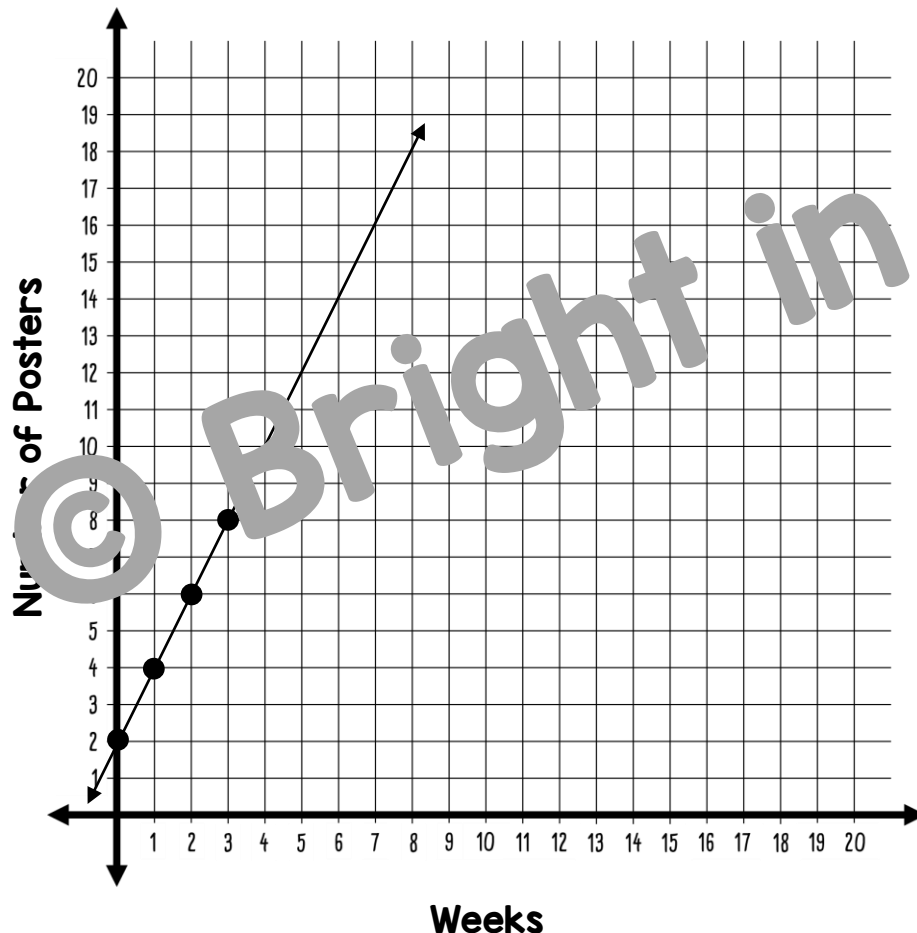


## Use for task cards #15-19.

Mrs. Carter wants to buy new posters to decorate her classroom. She starts with 2 posters. She plans to buy 2 posters each week.

Posters in Mrs. Carter's Classroom



## Use for task cards #20-24.

Jenny accidentally overdrew money from her savings account. After, she decided to start depositing money for a few months without withdrawing any money to make up for her mistake. Her deposits are shown in the table below.

Time (months)	Balance (dollars)
0	-40
1	-15
2	10
3	35
4	60
5	85
6	110
7	135
8	160

#1

A linear relationship  
can be generalized  
by the equation

-----.

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#2

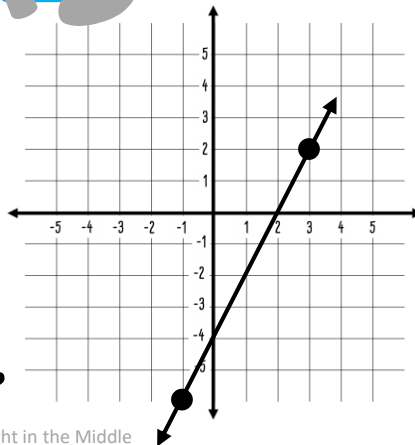
Write an  
equation  
that  
models  
the table.

x	y
2	1
3	6
4	8
5	10

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#3

Write an  
equation  
that  
models  
the graph.



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#4

Write an equation of  
the line that has a  
rate of change of 1  
and passes through  
the point (2,0).

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#13

For your birthday, you get a \$30 gift card to a local coffee shop. Each week, you treat yourself to a \$5.00 coffee.

**What is the rate of change?**



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#14

For your birthday, you get a \$30 gift card to a local coffee shop. Each week, you treat yourself to a \$5.00 coffee.

**Write an equation to model the relationship.**

**\*Hint\* Use the answers to task cards #12 and #13.**

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#15

**Determine the rate of change using the graph.**

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#16

**Determine the initial value using the graph.**

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Name .....

Date .....

# Modeling Linear Relationships Task Cards

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24