





Linear Telestrations



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$$y = -x$$

1

$$y = 3x$$

2

$$y = -0.25x$$

3

$$y = 2x + 1$$

4

$$y = 2x - 4$$

5

$$y = -3x - 1$$

6

$$y = -5x + 3$$

7

$$y = -5x - 4$$

8

$$y = 0.25x + 3$$

9

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$$y=0.5x$$

10

$$y=-0.5x+2$$

11

$$y=0.5x-2$$

12

Marcus makes \$3 when he sells a gallon of lemonade. Find a function that gives his revenue based on the number of gallons of lemonade he sells.

13

Janine pays a quarter each time she plays pinball. Find a function that shows how much money she no longer has based on the number of pinball games she plays.

14

Aaron gives his sister \$1 each day for doing the dishes for him. Find a function that shows how much his net worth has changed based on the number of days Aaron's sister does the dishes for him.

15

At a garage sale, Joey sells cookies for 50 cents each. Find a function for his revenue, in dollars, based on the number of cookies he sells.

16

Serena has \$2 to spend on arcade games that cost 50 cents each to play. Find a function that models how much money (in dollars) she has based on the number of arcade games she plays.

17

Josie has \$3. Each month she pays \$5 to stream her music. Find a function that shows how much she has or owes based on the number of months she streams music.

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Amy currently has \$1. She earns \$2 for each chore she completes. Find a function that shows how much money Amy has, based on the number of chores she completes.

19

Jose is already in the hole financially. He owes his dad \$4. He asked his dad to buy pies for \$5 each for a picnic. Write an equation that shows how much money Jose has or owes.

20

Justine sells brownies for \$0.50 each. The ingredients are donated but she buys paper plates and napkins for \$2. Write an equation to show how much she makes selling brownies.

21

Gabby currently has \$3 in her piggy bank. Every day, she receives an allowance of 25 cents that she puts into the bank. Find a function for the amount in her piggy bank.

22

Jared sells glasses of orange juice for \$2 each. He pays \$4 for a booth. Find a function that shows his profit based on the number of glasses of orange juice he sells.

23

Taylor owes her mom \$1. She wants to buy \$3 novelty hats for each of her friends. Write an equation that shows how much money she will have or owe after buying the hats.

24

x	y
1	3
2	5
3	7
4	9
5	11

25

x	y
-24	5
-20	4
-16	3
-8	2
-4	1

26

x	y
1	-1
2	-2
3	-3
4	-4
5	-5

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x	y
1	3
2	6
3	9
4	12
5	15

28

x	y
1	-2
2	0
3	2
4	4
5	6

29

x	y
-10	-5
-8	-4
-6	-3
-4	-2
-2	-1

30

x	y
-20	-2
-16	-1
-12	0
-8	1
-4	2

31

x	y
-5	21
-4	16
-3	11
-2	6
-1	1

32

x	y
-5	14
-4	11
-3	8
-2	5
-1	2

33

x	y
1	-2
2	-7
3	-12
4	-17
5	-22

34

x	y
2	1
4	0
6	-1
8	-2
10	-3

35

x	y
2	-1
4	0
6	1
8	2
10	3

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