

Variables and Patterns Student Resource 3: Sorting Malcolm's Cards
Match the Stories, Equations, Tables, and Graphs

Note 1

On Food Bank collection day, HOMES Park discounts an admission \$10. How much would admission cost?

Note 2

HOMES Park charges \$2 per banana. If each person eats one banana, how much would be spent on bananas?

Note 3

HOMES Park charges \$2 per banana and \$10 for the container to carry them. How much would be spent on getting and carrying bananas for each person ?

Note 4

To rent a wagon to carry supplies, HOMES Park will charge an additional \$20 to the total admission price. How much is the final cost?

Equation 1

$$y = 2x + 10$$

Equation 2

$$y = x + 20$$

Equation 3

$$y = x - 10$$

Equation 4

$$y = 2x$$

Table 1

x	y
0	20
10	30
20	40
30	50
40	60
50	70
60	80
70	90

Table 2

x	y
0	0
1	2
2	4
3	6
4	8
5	10
6	12
7	14

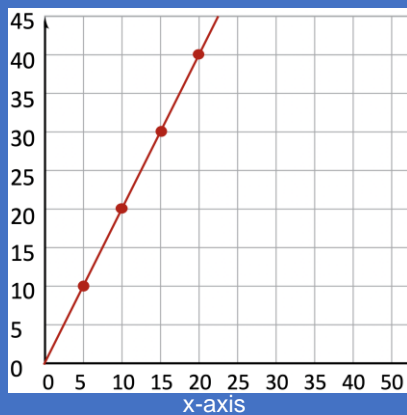
Table 3

x	y
0	10
10	30
20	50
30	70
40	90
50	110
60	130
70	150

Table 4

x	y
0	-10
10	0
20	10
30	20
40	30
50	40
60	50
70	60

Graph 1



Graph 2

