# FUNCTION FIELDWORK (SAMPLE RESPONSES)

Station #1

Story	Graph
(given)	

Table	Equation
	$y = 2x + 1$

weeks	0	1	2	3
miles	1	3	5	7

Station #2

Story	Graph
…began with 10 pounds *…decreased by 2 pounds each month*	

Table	Equation
(given)	$y = -2x + 10$
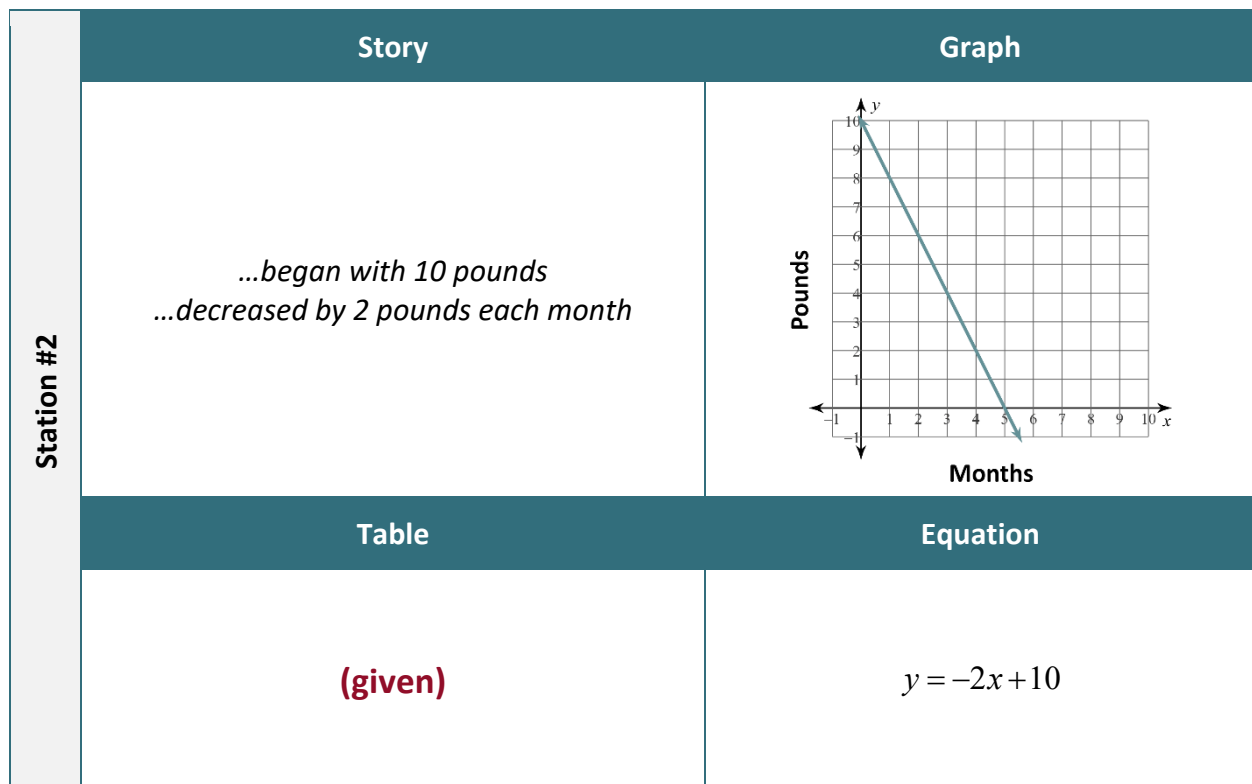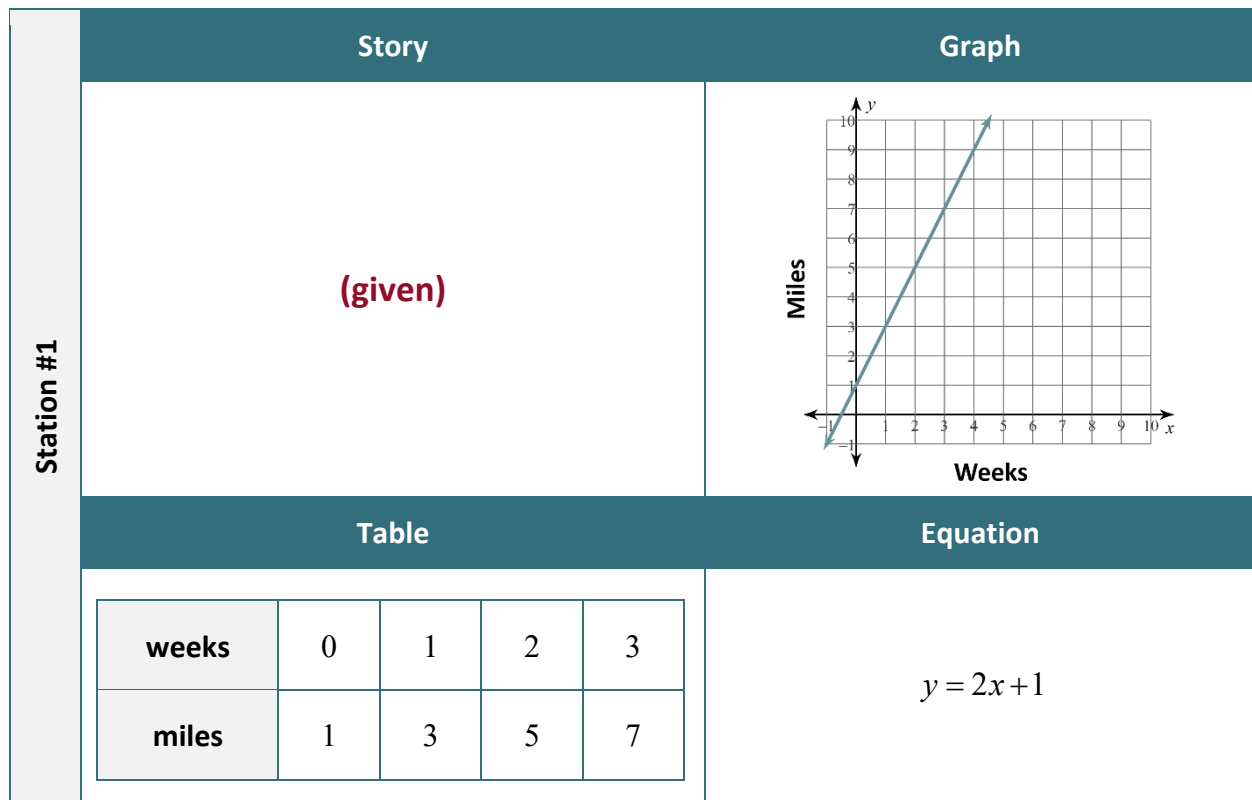
Station #3

| Story	Graph
…began with $30 *…lost $0.50 each hour*	**(given)**

Table					Equation
hours	0	2	4	6	$y = -\dfrac{1}{2}x + 30$
dollars	30	29	28	27	

Station #4

Story	Graph

…began with 15 trees
…increased by 1 tree every 2 weeks

Table					Equation
weeks	0	2	4	6	**(given)**
trees	15	16	17	18	

Station #5

Story	Graph
(given)	 Gallons vs. Minutes

Table	Equation

minutes	0	1	2	3
gallons	20	18	16	14

$$y = -2x + 20$$

Station #6

Story	Graph
…began with 5 pounds *…increased by 2 pounds each month*	 Pounds vs. Months

Table	Equation
(given)	$y = 2x + 5$
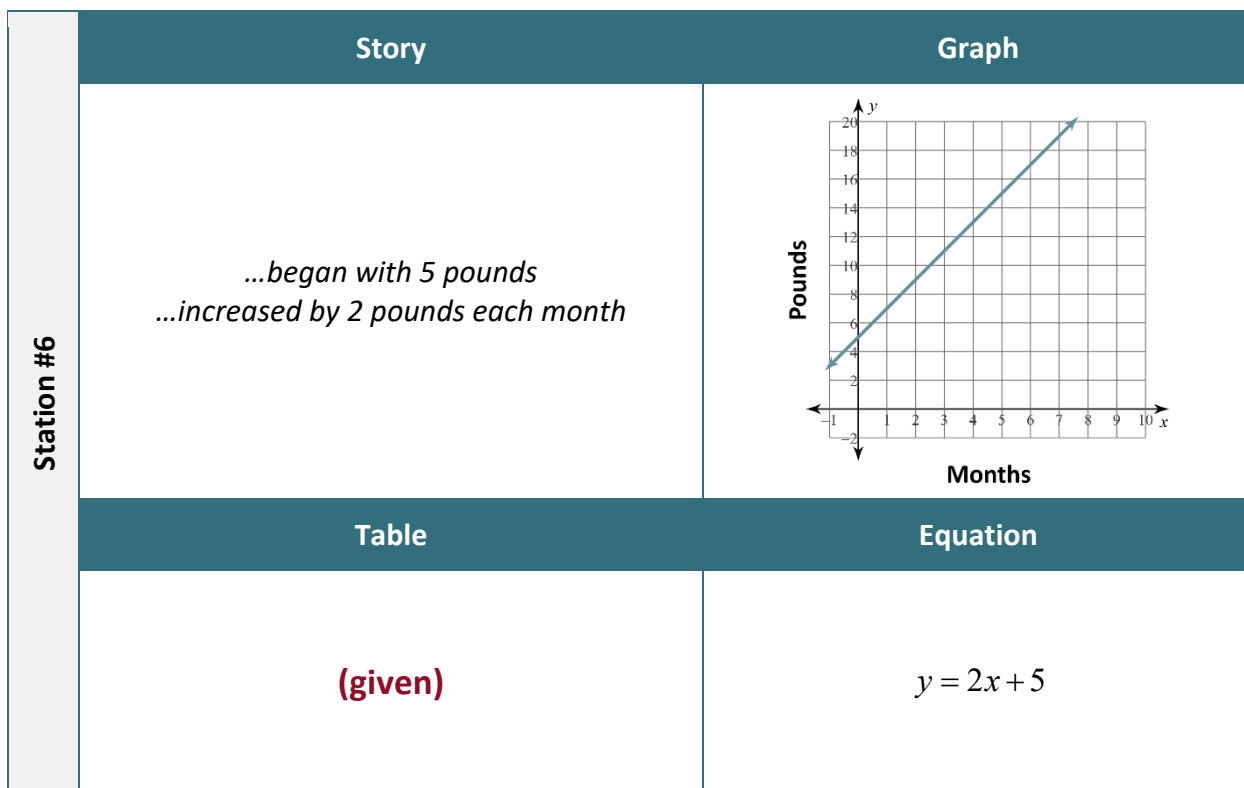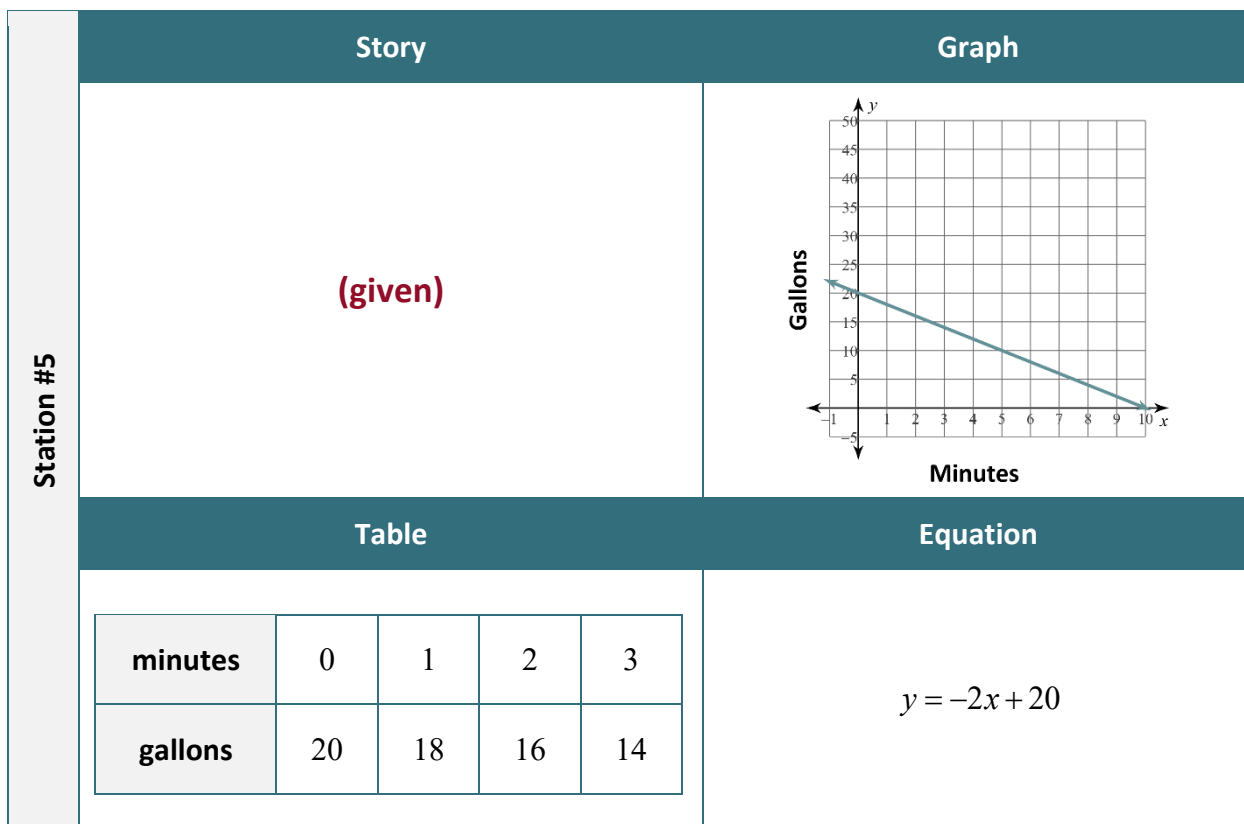
Station #7

	Story	Graph
	…began with 0 spiders *…increased by 3 spiders each minute*	**(given)**

	Table	Equation
		$y = 3x$

Table:

spiders	0	1	2	3
minutes	0	3	6	9

Station #8

	Story	Graph
	…began with $160 *…increased by $2 each day*	

Graph axis labels: Dollars (y-axis), Days (x-axis)

	Table	Equation
		(given)

Table:

days	0	5	10	15
dollars	160	170	180	190