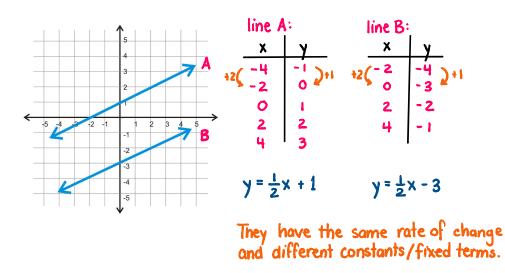


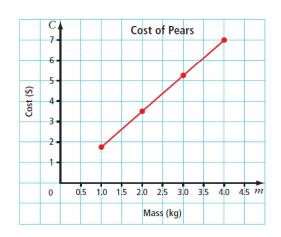
Compare the equations of the two lines below. How are they alike? How are they different?



The graph shows the relationship between the cost, C, in dollars and the mass, m, in kilograms of pears.

Set up a table of values from points on the graph.

Mass (kg)	Cost (\$)	]
0	0	
1	1.75	<b>€</b> 3.50 ÷2 = 1.75
2	3.50	
3	5.25	
4	7	



Describe the pattern shown in the graph.

As the mass increases by 1 kg, the cost increases by \$1.75.

Determine an equation relating the cost to number of lunches. the mass of pears.

## C = 1.75 m

Use the equation to determine how much you could buy for \$5.

5=1.75m +1.75 +1.75 m = 2.8571428... You could buy 2.85kg.

Assignment: handout #7 – 11