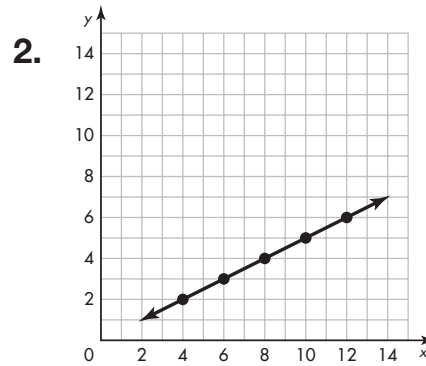
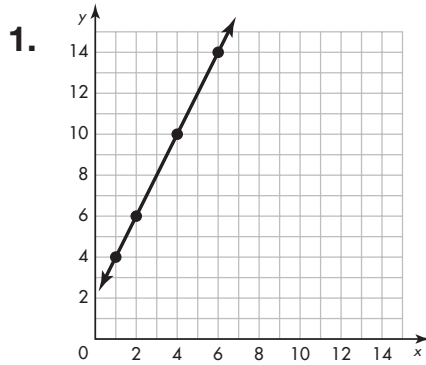


# Patterns and Graphing

In 1 and 2 create a data table from the points plotted on the graph.



3. Janice is 7 years older than Tam. Complete the table, and then graph this situation.

Tam $x$ (years)	Janice $y$ (years)
2	9
4	
6	
8	

4. There are 4 cupcakes in every package. Complete the table, and then graph this situation.

$x$ (number of packages)	$y$ (number of cupcakes)
1	4
2	
3	
4	
5	

5. Tickets to the River Dell Middle School concert cost \$6 apiece. Complete the table, and then graph this situation.

$x$ (tickets sold)	$y$ (money received)
1	\$6
2	
3	
4	
5	

6. A graph includes the ordered pair (2, 4). Write two different rules that would be possible for this graph. Explain how you found your answer.

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