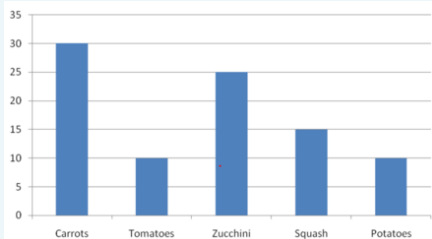
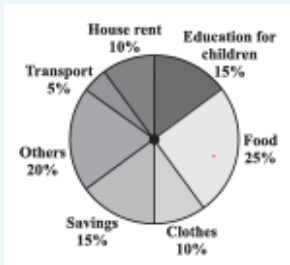
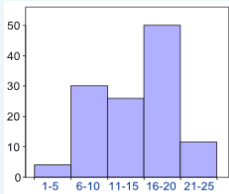
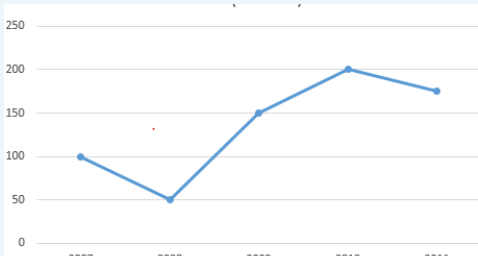
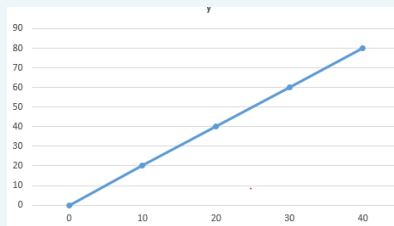


Introduction to Graph's

S.n	Term	Description																
1	Graph	Graphs are visual representations of data collected																
2	Bar Graph	A bar graph is used to show comparison among categories  <table><tr><th>Vegetable</th><th>Count</th></tr><tr><td>Carrots</td><td>30</td></tr><tr><td>Tomatoes</td><td>10</td></tr><tr><td>Zucchini</td><td>25</td></tr><tr><td>Squash</td><td>15</td></tr><tr><td>Potatoes</td><td>10</td></tr></table>	Vegetable	Count	Carrots	30	Tomatoes	10	Zucchini	25	Squash	15	Potatoes	10				
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3	Pie Chart	A circle graph shows the relationship between a whole and its part  <table><tr><th>Category</th><th>Percentage</th></tr><tr><td>House rent</td><td>10%</td></tr><tr><td>Education for children</td><td>15%</td></tr><tr><td>Food</td><td>25%</td></tr><tr><td>Clothes</td><td>10%</td></tr><tr><td>Savings</td><td>15%</td></tr><tr><td>Others</td><td>20%</td></tr><tr><td>Transport</td><td>5%</td></tr></table>	Category	Percentage	House rent	10%	Education for children	15%	Food	25%	Clothes	10%	Savings	15%	Others	20%	Transport	5%
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4	Histograms	A Histogram is a bar graph that shows data in intervals. It has adjacent bars over the intervals  <table><tr><th>Interval</th><th>Frequency</th></tr><tr><td>1-5</td><td>5</td></tr><tr><td>6-10</td><td>30</td></tr><tr><td>11-15</td><td>25</td></tr><tr><td>16-20</td><td>50</td></tr><tr><td>21-25</td><td>12</td></tr></table>	Interval	Frequency	1-5	5	6-10	30	11-15	25	16-20	50	21-25	12				
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1-5	5																	
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11-15	25																	
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21-25	12																	
5	line graph	A line graph displays data that changes continuously over periods of time.  <table><tr><th>Year</th><th>Value</th></tr><tr><td>2007</td><td>100</td></tr><tr><td>2008</td><td>50</td></tr><tr><td>2009</td><td>150</td></tr><tr><td>2010</td><td>200</td></tr><tr><td>2011</td><td>180</td></tr></table>	Year	Value	2007	100	2008	50	2009	150	2010	200	2011	180				
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6 linear graph.

A line graph which is a whole unbroken line is called a **linear graph**



Cartesian system

The system of fixing a point with the help of two measurements, vertical and horizontal is known as Cartesian system

