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| --- |
| **Plotting Graphs Revision** |
| **(a)** | **(c)** | **(e)** |
| Plot the graph of the equation $y=2x+3 $

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| $$x$$ | $$-2$$ | $$-1$$ | $$0$$ | $$1$$ | $$2$$ | $$3$$ |
| $$y$$ |  |  |  |  |  |  |

A graph paper with numbers and lines  Description automatically generated | Plot the graph of $y=x^{2}-4x+2$

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| $$x$$ | $$-1$$ | $$0$$ | $$1$$ | $$2$$ | $$3$$ | $$4$$ | $$5$$ |
| $$y$$ |  |  |  |  |  |  |  |

A grid of lines with numbers  Description automatically generated | Plot the graph of $y=x^{3}-4x^{2}+5$

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| $$x$$ | $$-1$$ | $$0$$ | $$1$$ | $$2$$ | $$3$$ | $$4$$ |
| $$y$$ |  |  |  |  |  |  |

A grid of squares with numbers  Description automatically generated |
| **(b)** | **(d)** | **(f)** |
| On the grid, plot the graph of $2x-3y=6$ from $x=0 $to $x=9$A graph with lines and numbers  Description automatically generated | Plot the graph of $y=2+x-x^{2}$ for $x=-3$ to $x=3$A grid of squares with numbers  Description automatically generated | Plot the graph of $y=x+\frac{8}{x}$

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| $$x$$ | $$1$$ | $$2$$ | $$3$$ | $$4$$ | $$6$$ | $$8$$ |
| $$y$$ |  |  |  |  |  |  |

A graph paper with a grid  Description automatically generated |