**Plotting Non-Linear Graphs – Create-a-Picture**

For each of the following equations, complete the table of values and plot the graph of the equation between the -values given. Give -coordinates to 1 decimal place where appropriate.

**1.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
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**2.**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |  |  |  |  |

**3.**

|  |  |  |  |  |  |  |  |  |  |
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**4.**

|  |  |  |  |  |  |  |
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**5.**

|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**6.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |  |  |  |  |

**7.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

Now add the following circle:

**8**.

**9**.

**10**.

Finally, colour in your picture!

**Plotting Non-Linear Graphs – Create-a-Picture**

Chart, line chart

Description automatically generated