7.1 – Graphing Absolute Value Equations

1. $f\left(x\right)=\left|x\right|$

|  |  |  |
| --- | --- | --- |
| $$x$$ | $$f\left(x\right)=\left|x\right|$$ | $$y$$ |
| $$-2$$ |  |  |
| $$-1$$ |  |  |
| $$0$$ |  |  |
| $$1$$ |  |  |
| $$2$$ |  |  |

2. $f\left(x\right)=\left|3x+12\right|$

|  |  |  |
| --- | --- | --- |
| $$x$$ | $$f\left(x\right)=\left|3x+12\right|$$ | $$y$$ |
| $$-7$$ |  |  |
| $$-6$$ |  |  |
| $$-5$$ |  |  |
| $$-4$$ |  |  |
| $$-3$$ |  |  |
| $$-2$$ |  |  |
| $$-1$$ |  |  |



3. $f\left(x\right)=\left|2x-4\right|$

|  |  |  |
| --- | --- | --- |
| $$x$$ | $$f\left(x\right)=\left|2x-4\right|$$ | $$y$$ |
| $$-1$$ |  |  |
| $$0$$ |  |  |
| $$1$$ |  |  |
| $$2$$ |  |  |
| $$3$$ |  |  |
| $$4$$ |  |  |
| $$5$$ |  |  |

