4.3 Graphing Linear Inequalities

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| --- | --- | --- |
| Inequality | Line | Shading |
| $$y>$$ |  |  |
| $$y<$$ |  |  |
| $$y\geq $$ |  |  |
| $$y\leq $$ |  |  |

Graph the following and decide if the given point is an answer to the inequality.

|  |  |
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| 1. $3x-4y\leq 4, (0,0)$

 | 1. $7x-3y<-15, (6,6)$

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|  |  |
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| 1. $y\leq \frac{5}{3}x-2$ (0,0)

 | 1. $y<-\frac{9}{2}x-4$ (2,-3)

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