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| \*Learning Target: |
| \*Critical Content: |
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| **Compound Inequality** |  |

**AND**

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Ex1: Solve $-2\leq x-3<4$. Then graph the solution set. Ex1b: Solve $6\leq r+7<10$. Graph.

**OR**

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Ex3: Solve $-2m+7\leq 13 or 5m+12>37$. Graph. Ex3a: Solve $a+1<4 or a-1\geq 3$. Graph.

Ex2: The human ear can only detect sounds between the frequencies 20 Hertz and 20,000 Hertz. Write and graph a compound inequality that describes the frequency of sounds humans cannot hear.