Solving Real World Systems by Graphing

Today, the temperature in New York is -1 degree and is expected to rise 3 degrees per day.	
It's 6 degrees in Alaska and expected to	
fall 1 degree every 2 days.	
In New York, m = b=Equation	
In Alaska, m = b= Equation	
Now, graph both equations.	



















You are navigating a battleship during war games. Your mission is to lay mines at the points where the enemy travel lanes intersect. The enemy travel lanes are represented by the following equations. At what 3 points do you lay your mines?



Enemy Lane 1: x - y = -4Enemy Lane 2: 5x - y = 8Enemy Lane 3: x - 2y = -2





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Sam's Skate Park: \$3 to get into the park and \$1 for every hour. Brad's Skate Park: \$5 to get into the park and \$0.50 for every hour.



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