

$$y = x + 8$$

$$x = -6$$

$$y = 2x - 2$$

$$y = -x$$

$$y = 7$$

$$x = 9$$

$$y = x$$

$$y = -6$$

Travelling with Linear Equations Game

- One graph with multiple lines will be put in between the teams
- On the graph, there is starting point A and starting point B and a finish point.
- One team will start at A and the other team will start at B, the first team to reach the finish point wins.
- In the center of each group will be a pile of cards with equations on them, these equations will represent all the lines on the graph.
- USING THESE EQUATIONS you must move towards the finish point. You do this by moving along the lines to different intersections. You can only move on the line if you play the equation card.
- After using a card, a new card from the pile is picked up. You should always have four cards.
- If a card cannot be used (no equation is relevant) then it can be discarded for a new card
- Alternating turns, the first team to get to the finish point wins and must present the route (with the equations) that they took to get there

Take note on any road bumps encountered during the games and have a class discussion to clear up any confusion on any of the topics.