Is it Part of the Solution?

**Algebra**

**Unit 2 Line Master 7**

* Player 1 rolls the die and chooses an inequality from their list.
* They predict whether the number rolled is part of the solution   
  set for the inequality.
* Work together to check the prediction.  
  If it was correct, Player 1 gets a point.
* Take turns until all inequalities are used.  
  The player with more points is the winner.

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| **Inequalities for**  **Player 1** | **Number rolled** | **Predict: Is it a solution?** | **Check:  Is it a solution?** | **Points scored** |
| 4*x* + 3 > 19 |  |  |  |  |
| 6*x* – 10 < 14 |  |  |  |  |
| 18 + 2*x* ≤ 28 |  |  |  |  |
| 18 ≥ 8 + 5*x* |  |  |  |  |
| 4*x* + 3 – 2*x* > 11 |  |  |  |  |

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| --- | --- | --- | --- | --- |
| **Inequalities for**  **Player 2** | **Number rolled** | **Predict: Is it a solution?** | **Check:  Is it a solution?** | **Points scored** |
| 2*x* – 8 < 4 |  |  |  |  |
| 7*x* – 5 > 9 |  |  |  |  |
| 9 + 3*x* ≥ 27 |  |  |  |  |
| 24 ≤ 6*x* – 6 |  |  |  |  |
| 5*x* + 3 – 2*x* < 12 |  |  |  |  |