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Algebra
Unit 2 Line Master 7

Is it Part of the Solution?

- 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.

| Inequalities for <br> Player 1 | Number <br> rolled | Predict: <br> Is it a <br> solution? | Check: <br> Is it a <br> solution? | Points <br> scored |
| :--- | :--- | :--- | :--- | :--- |
| $4 x+3>19$ |  |  |  |  |
| $6 x-10<14$ |  |  |  |  |
| $18+2 x \leq 28$ |  |  |  |  |
| $18 \geq 8+5 x$ |  |  |  |  |
| $4 x+3-2 x>11$ |  |  |  |  |


| Inequalities for <br> Player 2 | Number <br> rolled | Predict: <br> Is it a <br> solution? | Check: <br> Is it a <br> solution? | Points <br> scored |
| :--- | :--- | :--- | :--- | :--- |
| $2 x-8<4$ |  |  |  |  |
| $7 x-5>9$ |  |  |  |  |
| $9+3 x \geq 27$ |  |  |  |  |
| $24 \leq 6 x-6$ |  |  |  |  |
| $5 x+3-2 x<12$ |  |  |  |  |

