



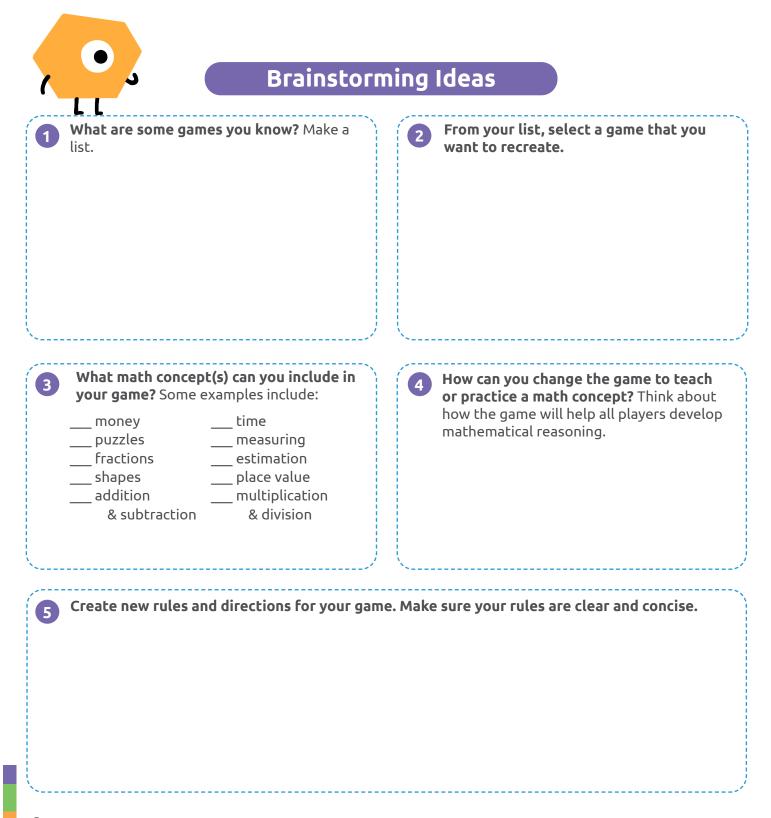






## **DESIGNING A CREATIVE AND FUN MATH GAME**

You will be creating a new game. Begin brainstorming by discussing some of your favorite games you have played. Then think about how you can incorporate math to recreate it.



## **EVALUATION AND IMPROVEMENT**

## **TESTING THE MATH GAME**

After you have designed your math game, invite a small group to test out your game. Watch them play and learn where you can make some changes to improve the game.

Getting Feedback
Is the math an integral part of the gameplay? If not, what can you change to include more math? Players shouldn't be able to play the game without using mathematical reasoning.
2 Are the players using different strategies during gameplay? If not, what changes can you make that encourage strategies? Players should be given opportunities to develop their own strategy for solving.
3 Is the math too easy or too difficult for players? If so, how can you add or remove diffulty? Assess how players are using math during the game and adjust the content to ensure that players are thinking deeply and using mathematical reasoning.