# Geo-Burst

Number & Quantity	
Algebra	
Functions	
Geometry	X
Statistics & Probability	

## Materials Needed:

- Geo-Burst cards
- Page protectors, 1 per card
- Dry erase marker and eraser
- Paper, pencil
- Timer





List as many target answers for each geometry category as you can. Hurry, your time is limited!

### Set-Up:

- Split into two teams
- Shuffle the Geo-Burst cards and stack them face down in the center of the playing surface.

**Object of the Activity:** List types of geometric objects, understand geometry concepts and properties, and think about interrelationships.

### Playing the Game:

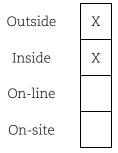
- 1. The Reader from Team 1 takes a Geo-Burst card from the top of the stack and reads aloud the category listed at the top.
- 2. Team 2 tries to guess all eight target answers that fit the category on the Geo-Burst card. Guess as many target answers you can. It is possible to have a good answer that is not one of the target answers.
  - a. If the card has only short answers, Team 2 has one minute to guess.
  - b. If the card title includes the word, Properties, Team 2 has 3 minutes to guess.
- 3. As Team 2 states a target answer, the Reader from Team 1 marks off the answer on the card (writing on a page protector with a dry erase marker).
- 4. When time is called, Team 2 gets one point for each correct target answer stated.
- 5. Teams switch roles and repeat Steps 1 through 5 until both teams have earned at least 20 points.

Winning the Game: The team with the most points wins the game!

#### Think About It:

- 6. What strategies do you want to remember for the next time you play?
- What geometry concepts did you find difficult? What made them difficult?
- Read the Properties cards again. Explain how you know the properties are







#### Variations:

Time-less: Try with less or more time. How many target answers can you state in thirty seconds? 90 seconds? 5 minutes?

Break Ties: Only one Team member guesses the target answers. This is more difficult. If you think you know the category well, give it a try!

Switch it Up: Team 1 states the target answers and Team 2 guesses the category.