

Geo-Burst



| | |
|--------------------------|---|
| Number & Quantity | |
| Algebra | |
| Functions | |
| Geometry | X |
| Statistics & Probability | |

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?
7. What geometry concepts did you find difficult? What made them difficult?
8. Read the *Properties* cards again. Explain how you know the properties are correct.



Materials Needed:

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

| | |
|---------|---|
| Outside | X |
| Inside | X |
| On-line | |
| On-site | |



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.