

Area Antics

Common Core State Standard: Measurement and Data 3.5: *Recognize area as an attribute of plane figures and understand concepts of area measurement.*

Materials used for this game: Area Antics available through RAFT at www.raftstore.net

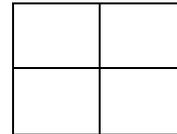


Example: Let's say one cube in the kit is **one unit of area**.



The figure to the right will have the measurement of 4 units.

You can prove this by placing 4 cubes in the space.



Let's Play!

- 1) Shuffle the cards and deal them face down.
- 2) Each person turns over a card from the deck.
- 3) Determine and agree on which one has the greatest area without measuring
- 4) The person with the card with the greatest area takes the two cards
- 5) Use the cubes to measure the area if you are not sure.
- 6) If there is a tie, turn over two more cards to determine the winner of that round.
- 7) Continue the game this way. The person with the most cards at the end is the winner!
- 8) For more information, including alternative ways of playing the game, refer to the RAFT instruction sheet.

Nice Job! Learning about the area of a figure will lead to better understanding of surface area and volume!