

Name: _____
Date: _____

Strategy: Geometry
Worksheet: Point of view

The Problem: Each person has a different drawing of the same structure. Work together to build it with blocks. The focus of this problem is geometry, direction, logic, spatial visualization.

What you will need:

- (a) A Group of four.
- (b) Assign a role to each member of the group; the roles are Manager, Materials monitor, Engager, Checker.
 - 1) **Manager:** cut out the attached cards and distribute one card to each player and discuss what the group will do.
 - 2) **Materials monitor:** collect one of the plastic sleeves and fifty wooden blocks. When the group has finished the first block building exercise this role returns plastic sleeve to the front and collects the next point of view and hands it to the manager
 - 3) **Checker:** make sure that the criteria on each card are accomplished.
 - 4) **Engager:** positively maintains that group is on task and members of the group are being supported

(c) Report your findings

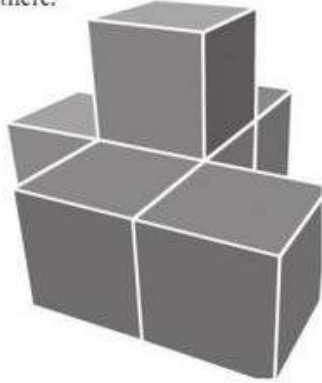
Why challenges did the exercise present?

What would you do differently next time?

What mathematical language did you use to convey your point of view to other members of your group?

▲ Point of View 1

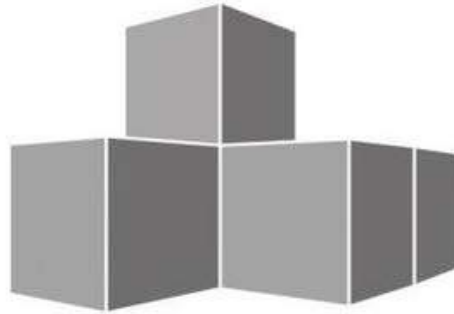
Each person has a different drawing of the same structure. Work together to build it with blocks. Then figure out where the "point of view" of *this* clue is. Place this card there.



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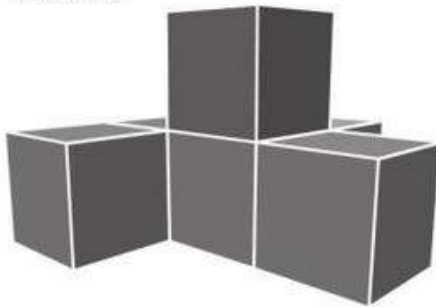


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< Point of View 1

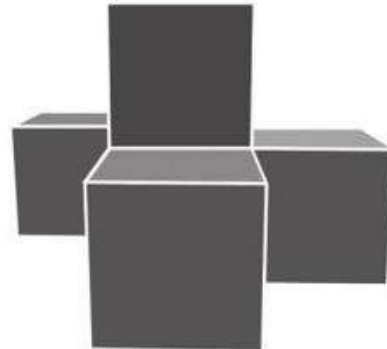
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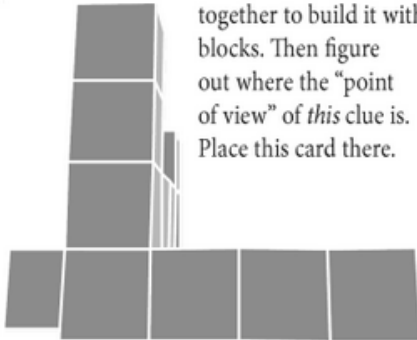
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3-D geometry. Starter.

Cluster: Arrange the Blocks

▲ Point of View 2

Each person has a different drawing of the same structure. Work together to build it with blocks. Then figure out where the “point of view” of *this* clue is. Place this card there.



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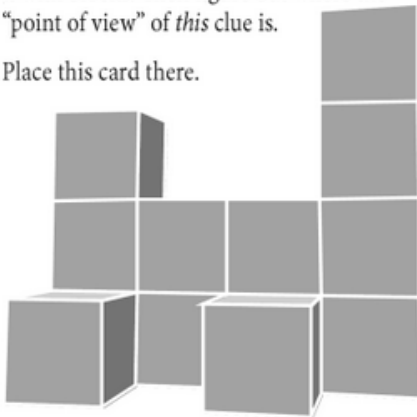
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Place this card there.



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3-D geometry.

Cluster: Arrange the Blocks

Erikson, T. (1996). *United We Solve: 116 Math Problems for Groups, Grades 5-10*. Retrieved from <http://books.google.com.au>