Grades 1 - 12

Duration: 20 min

Tools: one Logifaces set

Group work

Keywords: Movement

# Group Forming With Logifaces



# **INTERDISCIPLINARY**



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#### **DESCRIPTION**

The teacher asks questions connected to Logifaces. If the answer to the question is 6, for example, the students should form groups of 6. After the last question, the teacher may retain the groups created for another activity (so if the teacher needs groups of 3 for the next activity, the last question should have 3 as its answer). For younger students use simple language and explain the terms, or modify the questions.

#### Sample questions:

- 1. How many vertices does a Logifaces piece have?
- 2. How many faces does a Logifaces piece have?
- 3. How many edges does a Logifaces piece have?
- 4. How many different heights can a Logifaces piece have at its corners?

#### **SOLUTIONS / EXAMPLES**

Question 1 The answer is 6.

Question 2 The answer is 5.

Question 3 The answer is 9.

Question 4 The answer is 3.

## PRIOR KNOWLEDGE

None

### **RECOMMENDATIONS / COMMENTS**