

## Puppies In A Pen

**Developed by: Linda Fenton**

**Discipline / Subject: Math**

**Topic: Congruent Shapes**

**Grade Level: 3, 4, 5**

**Resources / References / Materials Teacher Needs:**

Puppies In A Pen Activity Sheet

**Lesson Summary:**

Students will use problem solving skills to divide an outline into four congruent shapes.

**Standard's Addressed: (Local, State, or National)**

**Common Core Standards: Mathematical Practices for Third Grade**

- 1. Make sense of problems and persevere in solving them.
- 2. Reason abstractly and quantitatively.
- 6. Attend to precision.
- 7. Look for and make use of structure.
- 8. Look for and express regularity in repeated reasoning.

**Learning Objectives:**

Problem Solving  
Congruency

**Method of assessment for learning**

Activity Sheet

**Procedural Activities**

1. Pass out Activity Sheet and discuss how to fill out sheet.
2. Let students try to figure out problem independently.
3. Discuss strategies for successful problem solving.

**Materials Students Need:**  
**Activity sheet**

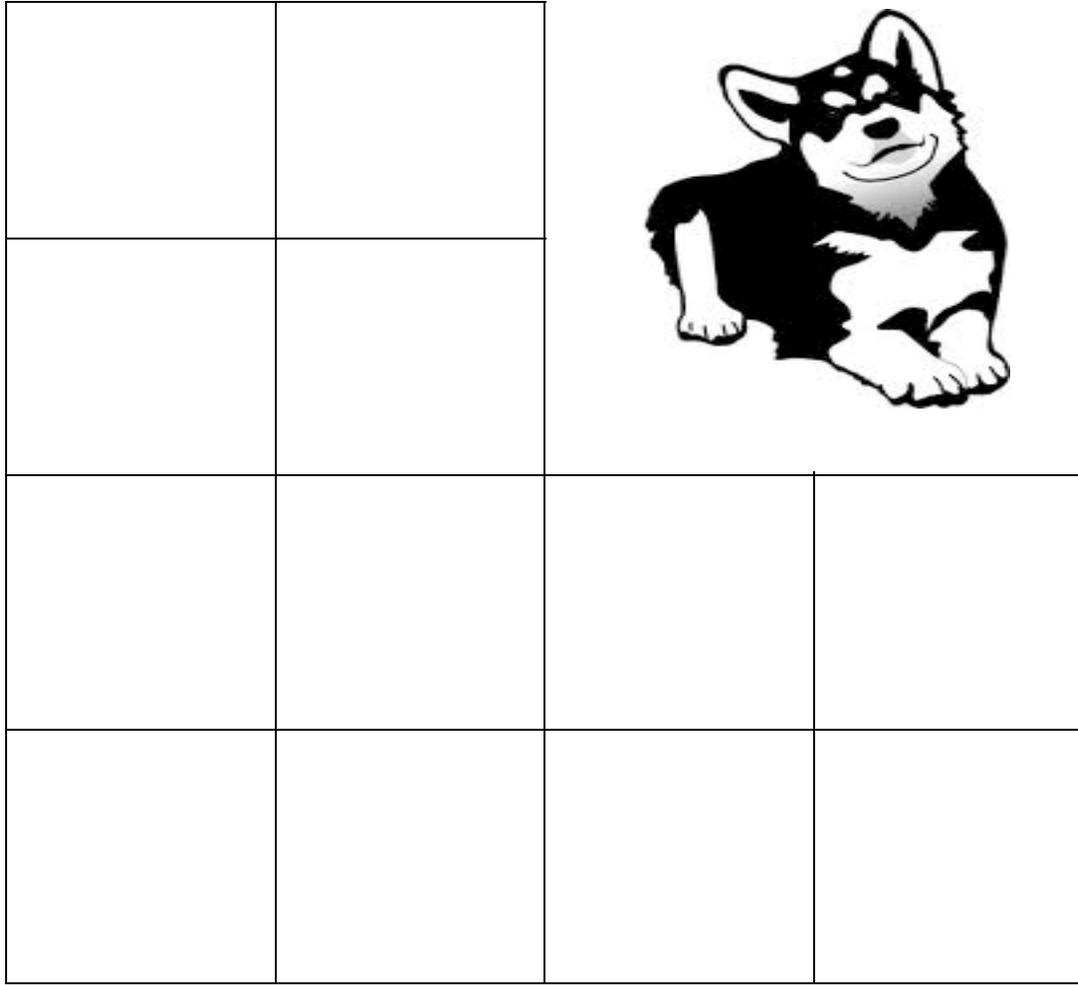
**Technology Utilized to Enhance Learning:**

**Other Information:**

**If students struggle, give an “L-Shape” hint.**

**Modifications for Special Learners/ Enrichment Opportunities:**

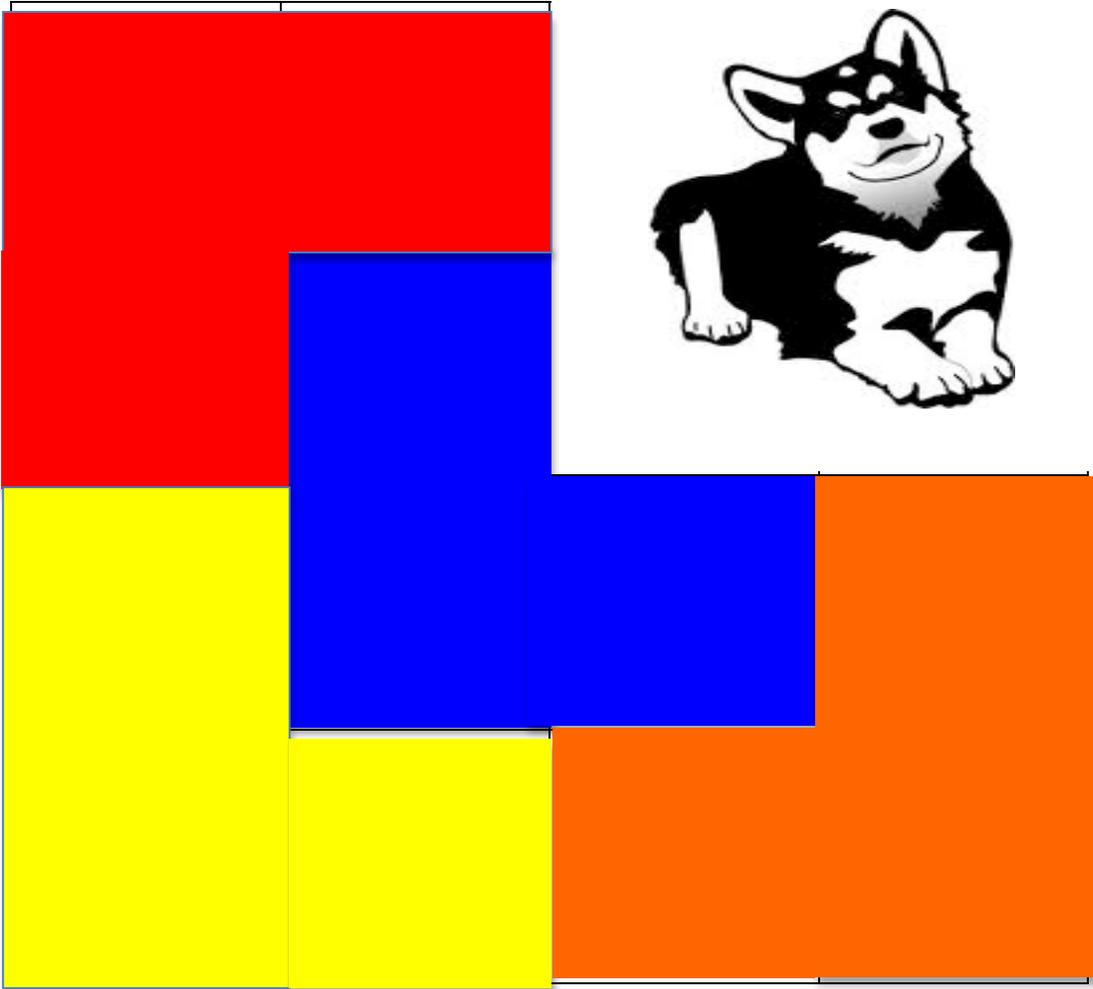
**Work with a partner.**



## Puppies In A Pen

Name \_\_\_\_\_ Date \_\_\_\_\_

Four puppies each need their own pen. To be fair, their musher wants them to have congruent (equal size and shape) pens. Help the musher divide the dog yard into four congruent pieces using the outline above.



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ANSWER GUIDE