Fourt	h Grade	Lines of Symmetry	Symmetry Grid
Materials	White board and markers Dot paper		
Directions	 Display the next puzzle. Ask solve the puzzle. Have studes Share and try students' soluti whether the shapes match up symmetry. Ask students, "Ho the shapes are congruent?" I Repeat with the remaining put 	 Give students dot paper. Display JiJi's Helping Hand. Ask student where JiJi's Helping Hand wants Hover over where the second spe "Look where JiJi wants us to clic neighbor about why you think JiJ Share students' thinking. Click o the animation together. Say to st symmetry. When the shape folde matched up because they were the students to use their dot paper to ents Think, Pair Share their solutions. Pause the animation to look at the as they are folded along the line of pow can we use our dot paper to probe Discuss students' thinking. 	the first puzzle in Level 1 with s, "What do you see?" Click you to click first and then stop. ot to click is and say to students, k now. Turn and talk to your i wants us to click there." n JiJi's Helping Hand and watch sudents, "We made a line of ed along that line, the two sides he same, or congruent.
Sample Questions	 How did you determine where to place the rubber bands? What do you know about the figure you are creating? Can you name it? What is a line of symmetry? Can a figure have more than one line of symmetry? Explain Can a figure have no lines of symmetry? Explain. 		?
What to look for	How does the student: understand what a line of sym visually extend the figure to m prove the two parts are congr	metry is? irror the existing figure across the line? uent?	

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