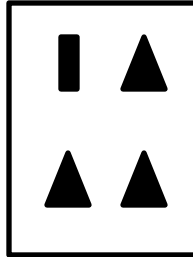


Geometric Subitizing Cards (Tasks)

Show students a card and have them share what they see.



K-3 Integration of Geometric Subitizing Cards

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| <p style="text-align: center;">Subitizing</p> <p>Q: How many shapes? A: "I see four shapes"</p> <p style="text-align: center;"><i>differentiated by the length of time a card is shown to the students</i></p> | <p style="text-align: center;">Advanced Counting And Part-Whole Thinking</p> <p>Q: What did you see? How many of each shape? A: "I saw 4 shapes...3 triangles and 1 rectangle"</p> |
| <p style="text-align: center;">Early Additive Part-Whole Thinking</p> <p>Q: How many sides did you see? How many vertices/corners did you see? A: I saw 13 sides. I know that each triangle has 3 sides and there are 3 triangles so that is 9 and 4 more for the rectangle is 13"</p> | <p style="text-align: center;">Algebraic Reasoning</p> <p>Q: The teacher covers a triangle with their thumb and says "I have 13 corners. What shape could I be covering up?" A: Well the 2 triangles and 1 rectangle have 10 corners altogether and you said there was 13. So the difference between 10 and 13 is 3 so I think you're covering a triangle.</p> |

4-8 Integration of Geometric Subitizing Cards

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| <p style="text-align: center;">Variables and Solving for Unknowns</p> <p>Show the students 2 cards at the same time. Tell them the value of each cards is equal and students must determine the value of each shape.</p> <p>You can also assign a value to a shape to increase the difficulty by using larger quantities, decimals and/or fractions</p> | <p style="text-align: center;">Writing Expressions</p> <p>Have students write an expression to identify the number of sides on the cards. Using the card above a student could write:</p> <p style="text-align: center;">$(3 \cdot 3) + (1 \cdot 4)$</p> |
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