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| Move the pentomino onto the grid to cover a set of numbers with a sum of 65. | Move the pentomino onto the grid to cover a set of numbers with a sum of 135. | Move the pentomino onto the grid to cover a set of numbers with a sum of 490. |
| Find one sum between 150 and 200 that is NOT possible to cover with this pentomino. | Find a sum covered by the pentomino and see if your partner can figure out which numbers you covered. | What process can you use to find the sum of the covered squares wherever the pentomino might be placed? |
| How could you describe the sum of the covered squares in relation to the center square in the pentomino? | Write an algebraic expression that will determine the sum of the squares covered by the pentomino. | Michelle used the expression 5n + 5 to find the sum of the covered squares. Can you explain her thinking? |
| What would be the sum of the covered squares if the center of the pentomino is on 4? | What if the pentomino was shaped differently? | What if a different number of squares were covered? A quadromino? A hexomino? |