

# Find as Many Squares as You Can

- On an 11 by 11 geoboard, use rubberbands to find all the squares you can.
- First, support why you know each square is truly a square. You may use ideas about slope to support your reasoning.
- Second, find the area of each square. How many ways can you find each area?
- Thirdly, find the perimeter of each square.
- Fourthly, if a square has dimensions  $n$  by  $n$ , how many squares are contained within the square?

