

Teamwork



Get Started



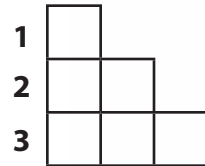
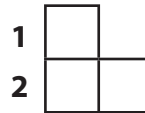
Get 20 squares in one color and 20 in another color.

Repeat for Each Round

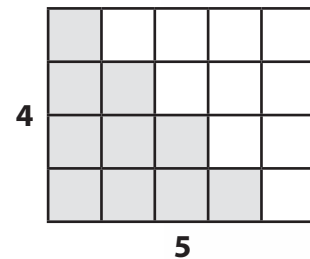
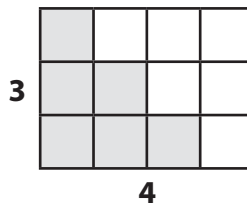
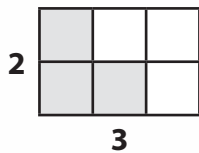
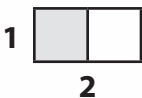
Choose **a**, **b**, or **c**. Ask one team member to read the problem and tell the team what is known, and what needs to be found.

Work together. Use your squares to help you solve the problem.

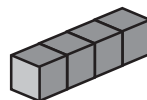
- a.** How many squares are there in each figure?
How many squares would it take to make the tenth figure if the pattern continues?



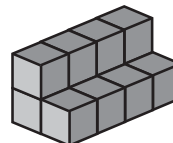
- b.** If you make the following rectangles with squares, what pattern is suggested for finding the total number of shaded squares? How many shaded squares would there be in the ninth rectangle?



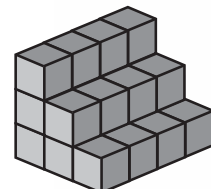
- c.** If you build steps out of rows of cement blocks that are 4 blocks wide and 1 block high, how many cement blocks will it take to make 10 steps?



1 Step



2 Steps



3 Steps

If you have more time



Talk about other ways to solve problem **c**.
Then discuss how all three problems are related.