

Hands On: Growing Patterns

TAKS Objectives 2, 6
TEKS 3.6A, 3.15B

Solve.

1. Matt is building a set of steps using blocks. The top step has 2 blocks. The second step has 3 blocks. The third step down has 4 blocks. How many blocks will be in the fourth step? _____

3. Janet is making a chain of paper links. The first two links are red. The next link is green. The next three links are red. The next link is green. The next four links are red. Describe the next six links.

5. Alex is using shapes to show a growing pattern. What shape is missing? Where should it be placed in the pattern?



2. What number comes next in the growing pattern 3, 6, 9?

4. Describe the growing pattern 4, 8, 12, 16.

6. Uri drew 3 dot pictures showing a growing pattern. The dot pictures were labeled 4, 9, and 16. Each side of each dot picture had the same number of dots. Draw the three dot pictures.