

1.1 Something to Talk About

A Develop Understanding Task

Cell phones often indicate the strength of the phone's signal with a series of bars. The logo below shows how this might look for various levels of service.



Figure 1

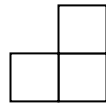


Figure 2

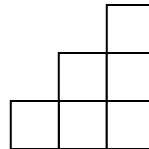


Figure 3

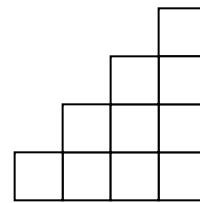


Figure 4

1. Assuming the pattern continues, draw the next figure in the sequence.
2. How many blocks will be in the size 10 logo?
3. Examine the sequence of figures and find a rule or formula for the number of tiles in any figure number.

