

PR6.1

- Tell students that a statue is shaped like a tower and is made of a single column of cubes (see diagram below). A painter has been hired to paint all the cube faces that are visible. This would include the side and top faces as well. The bottom face of each cube is not visible. Students may build the model using multilink cubes or blocks. Ask students to create a table of values to record the number of faces that need to be painted on towers 1, 2, 3, 4 and 5 blocks high. Ask students to find the number of faces that would have to be painted for a tower containing 10 blocks. 20 blocks.



(6PR1.4)

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http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/grade6/Unit_3_Patterns_in_Mathematics_final.pdf