

# NECAP Practice Test

## Grade 7

### Mathematics

#### Non-Calculator Short-Answer Item (2 points)

- 6 a. A pyramid has a hexagon for its base. How many edges does the pyramid have?
- b. A pyramid has a base that is a polygon with  $n$  sides. Use  $n$  to write an expression that represents the number of edges the pyramid has.

#### Scoring Guide

Score	Description
2	2 correct answers.
1	1 correct answer.
0	Response is incorrect or contains some correct work that is irrelevant to the skill or concept being measured.
Blank	No response.

#### Sample Response:

Part a: 12

Part b:  $2n$  or  $n + n$

\* All students were provided the same amount of space in which to write their answers. For the purposes of this document, extraneous white space was removed from each student work sample to save space.

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Mathematics**

**Sample 2-Point Response**

$$\begin{array}{l} a \quad 12 \\ b \quad n+n \end{array}$$

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Sample 1-Point Response

a. The pyramid has 12 edges.

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b.  $n + 7 = 9 + 10$