

NECAP Practice Test

Grade 4

Mathematics

Calculator-Active Short-Answer Item (2 points)

- 12 a. Use Xs to draw an array for the sum of $4 + 4 + 4$.
- b. Write a multiplication sentence that matches your array. Be sure to include the answer to your multiplication sentence.

Scoring Guide

Score	Description
2	Student draws correct array and writes correct multiplication sentence.
1	Student draws array correctly. OR Student writes correct multiplication sentence.
0	Response is incorrect or contains some correct work that is irrelevant to the skill or concept being measured.
Blank	No response.

Sample Responses:

XXXX XXX
XXXX or XXX
XXXX XXX
 XXX

$$3 \times 4 = 12 \text{ or } 4 \times 3 = 12$$

Note: No credit for two rows of 6 Xs, or one row of 12 Xs, or similar.

* 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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Sample 2-Point Response

x x x
x x x
x x x
x x x

$$3 \times 4 = 12$$

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Sample 1-Point Response

$$4 \times 3$$

four times three is twelve.