



**NEW ENGLAND
COMMON ASSESSMENT PROGRAM**

Practice Test Resource Material

Grade 3

Mathematics

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Grade 3 Mathematics

Session 1—Non-Calculator

Position Number	Item Type	Correct Answer	Content Strand	GLE Stem Number	Depth-of-Knowledge Level
1	Multiple-choice (1 pt.)	A	Numbers & Operations	3	2
2	Multiple-choice (1 pt.)	D	Geometry & Measurement	1	1
3	Multiple-choice (1 pt.)	A	Numbers & Operations	1	2
4	Multiple-choice (1 pt.)	D	Geometry & Measurement	6	1
5	Short-answer (1 pt.)	N/A	Functions & Algebra	4	2
6	Short-answer (2 pts.)	N/A	Numbers & Operations	5	2

Session 2—Calculator Active

Position Number	Item Type	Correct Answer	Content Strand	GLE Stem Number	Depth-of-Knowledge Level
7	Multiple-choice (1 pt.)	C	Functions & Algebra	1	2
8	Multiple-choice (1 pt.)	B	Numbers & Operations	1	1
9	Multiple-choice (1 pt.)	D	Geometry & Measurement	1	2
10	Multiple-choice (1 pt.)	C	Numbers & Operations	1	1
11	Short-answer (1 pt.)	N/A	Geometry & Measurement	7	1
12	Short-answer (2 pts.)	N/A	Numbers & Operations	2	2

NECAP Practice Test

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Non-Calculator Short-Answer Item (2 points)

- 6 Donna pays \$0.77 for an ice-cream cone. She pays with these coins.



How much change should Donna receive? Use a dollar sign (\$) and a decimal point (.) to write your answer.

Scoring Guide

Score	Description
2	Student has correct answer with correct notation (\$0.08 or \$.08).
1	Student has correct answer but does not correctly notate it with a dollar sign and decimal point (e.g., 8¢).
0	Response is incorrect or contains some correct work that is irrelevant to the skill or concept being measured.
Blank	No response.

* 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

\$0.08

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Sample 1-Point Response A

8

Sample 1-Point Response B

\$0.8¢

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Mathematics

Calculator-Active Short-Answer Item (2 points)

- 12 Look at these numbers.

175 178 172 170

Which number is greatest? Show your work or explain how you know.

Scoring Guide

Score	Description
2	Correct answer, 178, with appropriate explanation.
1	Correct answer; explanation may be incomplete or missing. OR Explanation that shows some understanding of comparing and ordering numbers.
0	Response is incorrect or contains some correct work that is irrelevant to the skill or concept being measured.
Blank	No response.

Sample Response:

All the numbers have the same number of hundreds and tens; 178 has the most ones.

* 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 A

178 because 5 is lower than eight
so it can't be 175 2 is lower than eight
so it can't be 172 and 178 is higher than
170 so the answer is 178

Sample 2-Point Response B

178
first you look at the 100 place then the tens
place and then the ones.

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Sample 1-Point Response A

178

Sample 1-Point Response B

178, 175, 172, 170