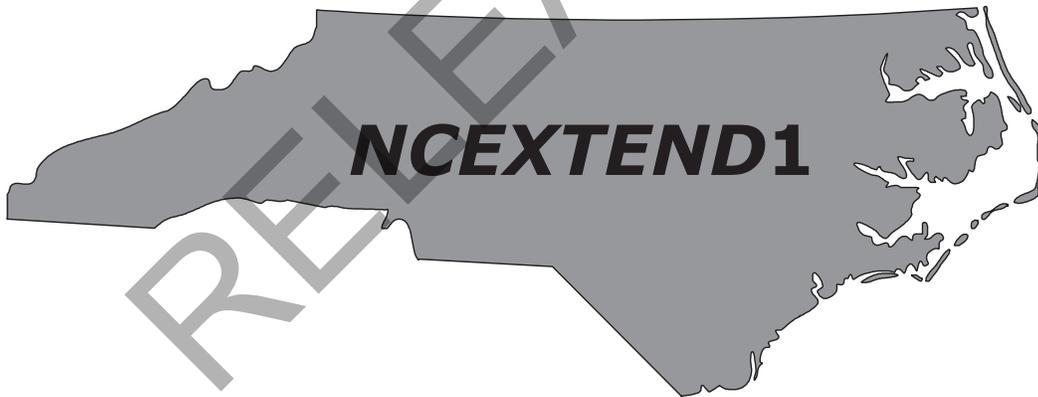


Released Form

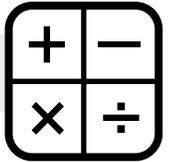
NCEXTEND1
Math I Assessment—
Grade 10



Assessor Booklet

Academic Services and Instructional Support
Division of Accountability Services





Item 1

Manipulatives: Provided by NCDPI

- Card A: 0.16, 0.15, 0.14
- Card B: 0.15, 0.14, 0.16
- Card C: 0.14, 0.15, 0.16

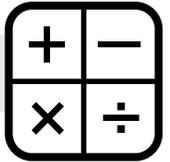
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- SAY: **"Which set of numbers is in order from smallest to largest?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"zero point one six, zero point one five, zero point one four"** (Card B) **"zero point one five, zero point one four, zero point one six"** (Card C) **"zero point one four, zero point one five, zero point one six"**
- SAY: **"Which set of numbers is in order from smallest to largest? Choose a card."**
- Record the student response below and follow the directions to continue with Trial 2 or the next item.

Fill in Trial 1 Student Response Here:

- | | | | |
|-------------|-----------------------|---|------------------------|
| Card A | <input type="radio"/> | → | Remove Card A, Trial 2 |
| Card B | <input type="radio"/> | → | Remove Card B, Trial 2 |
| Card C | <input type="radio"/> | → | Go to the next item. |
| No Response | <input type="radio"/> | → | Remove Card B, Trial 2 |

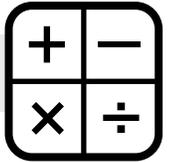


Trial 2

- SAY: **"Which set of numbers is in order from smallest to largest?"**
- Present the response cards using the following script.
If Card A was removed
- SAY: (Card B) **"zero point one five, zero point one four, zero point one six"** (Card C) **"zero point one four, zero point one five, zero point one six"**
If Card B was removed
- SAY: (Card A) **"zero point one six, zero point one five, zero point one four"** (Card C) **"zero point one four, zero point one five, zero point one six"**
- SAY: **"Which set of numbers is in order from smallest to largest? Choose a card."**
- Record the student response below and continue to the next item.

Fill in Trial 2 Student Response Here:

- Card A → Go to the next item.
- Card B → Go to the next item.
- Card C → Go to the next item.
- No Response → Go to the next item.



Item 2

Manipulatives: Provided by NCDPI

- Stimulus: $6x, x = 3$
- Card A: $6 + 6$
- Card B: $6 + 6 + 6$
- Card C: $6 + 6 + 6 + 6$

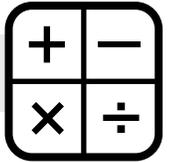
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- Present the stimulus card using the following script.
- SAY: **"This card says $6x$. If x equals 3, which addition expression is the same as $6x$?"**
- Present the response cards in the following order (*Card A, Card B, Card C*).
- SAY: (Card A) **" $6 + 6$ "** (Card B) **" $6 + 6 + 6$ "** (Card C) **" $6 + 6 + 6 + 6$ "**
- SAY: **"If x equals 3, which addition expression is the same as $6x$? Choose a card."**
- Record the student response below and follow the directions to continue with Trial 2 or the next item.

Fill in Trial 1 Student Response Here:

- | | | | |
|-------------|-----------------------|---|------------------------|
| Card A | <input type="radio"/> | → | Remove Card A, Trial 2 |
| Card B | <input type="radio"/> | → | Go to the next item. |
| Card C | <input type="radio"/> | → | Remove Card C, Trial 2 |
| No Response | <input type="radio"/> | → | Remove Card A, Trial 2 |



Trial 2

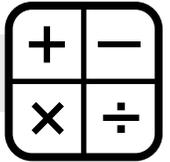
- Present the stimulus card using the following script.
- SAY: **"This card says $6x$. If x equals 3, which addition expression is the same as $6x$?"**
- Present the response cards using the following script.
If Card A was removed
- SAY: (Card B) " **$6 + 6 + 6$** " (Card C) " **$6 + 6 + 6 + 6$** "
If Card C was removed
- SAY: (Card A) " **$6 + 6$** " (Card B) " **$6 + 6 + 6$** "
- SAY: **"If x equals 3, which addition expression is the same as $6x$? Choose a card."**
- Record the student response below and continue to the next item.

Fill in Trial 2 Student Response Here:

- Card A → Go to the next item.
- Card B → Go to the next item.
- Card C → Go to the next item.
- No Response → Go to the next item.

RELEASED





Item 3

Manipulatives: Provided by NCDPI

- Stimulus: $6 > x$
- Card A: 3
- Card B: 9
- Card C: 12

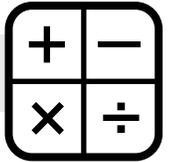
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- Present the stimulus card using the following script.
- SAY: **"This card says 6 is greater than x. Which number could be a value of x?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"3"** (Card B) **"9"** (Card C) **"12"**
- SAY: **"Which number could be a value of x? Choose a card."**
- Record the student response below and follow the directions to continue with Trial 2 or the next item.

Fill in Trial 1 Student Response Here:

- | | | | |
|-------------|-----------------------|---|------------------------|
| Card A | <input type="radio"/> | → | Go to the next item. |
| Card B | <input type="radio"/> | → | Remove Card B, Trial 2 |
| Card C | <input type="radio"/> | → | Remove Card C, Trial 2 |
| No Response | <input type="radio"/> | → | Remove Card B, Trial 2 |



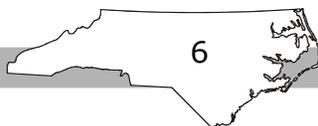
Trial 2

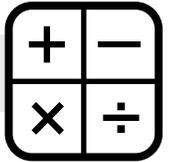
- Present the stimulus card using the following script.
- SAY: **"This card says 6 is greater than x . Which number could be a value of x ?"**
- Present the response cards using the following script.
If Card B was removed
- SAY: (Card A) **"3"** (Card C) **"12"**
If Card C was removed
- SAY: (Card A) **"3"** (Card B) **"9"**
- SAY: **"Which number could be a value of x ? Choose a card."**
- Record the student response below and continue to the next item.

Fill in Trial 2 Student Response Here:

- Card A → Go to the next item.
- Card B → Go to the next item.
- Card C → Go to the next item.
- No Response → Go to the next item.

RELEASED





Item 4

Manipulatives: Provided by NCDPI

- Stimulus: picture of \$3.50 and a slice of pizza that costs \$1.50
- Card A: \$1.50
- Card B: \$2.00
- Card C: \$2.50

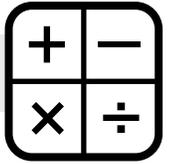
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- SAY: **"Ross has \$3.50. He wants to buy a slice of pizza that costs \$1.50. How much money does Ross have left after buying the pizza?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"\$1.50"** (Card B) **"\$2.00"** (Card C) **"\$2.50"**
- SAY: **"How much money does Ross have left after buying the pizza? Choose a card."**
- Record the student response below and follow the directions to continue with Trial 2 or end the sample items.

Fill in Trial 1 Student Response Here:

- Card A → Remove Card A, Trial 2
- Card B → Turn the page to end the sample items.
- Card C → Remove Card C, Trial 2
- No Response → Remove Card A, Trial 2



Trial 2

Present the stimulus card using the following script.

- SAY: **"Ross has \$3.50. He wants to buy a slice of pizza that costs \$1.50. How much money does Ross have left after buying the pizza?"**

- Present the response cards using the following script.

If Card A was removed

- SAY: (Card B) **"\$2.00"** (Card C) **"\$2.50"**

If Card C was removed

- SAY: (Card A) **"\$1.50"** (Card B) **"\$2.00"**

- SAY: **"How much money does Ross have left after buying the pizza? Choose a card."**

- Record the student response below and end the sample items.

Fill in Trial 2 Student Response Here:

Card A → End the sample items.

Card B → End the sample items.

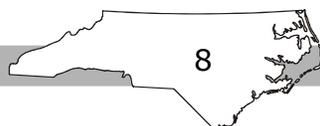
Card C → End the sample items.

No Response → End the sample items.

End of the Sample Items

Read the following to announce the end of the testing session.

SAY: **"You have just finished sample items for the North Carolina Math I assessment. Thank you for your hard work."**



0.16, 0.15, 0.14

0.15, 0.14, 0.16

0.14, 0.15, 0.16

$$6x$$

$$x = 3$$

$$6 + 6$$

RELEASED

$$6 + 6 + 6$$

$$6 + 6 + 6 + 6$$

$$6 > x$$

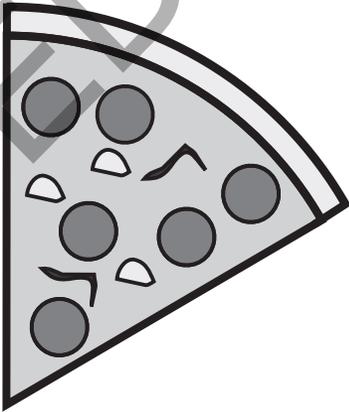
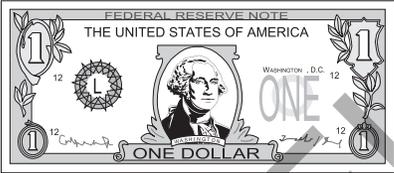
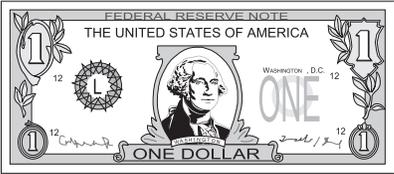
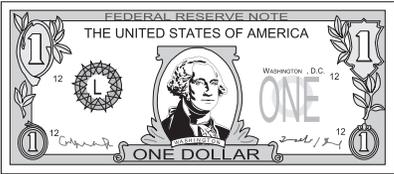
RELEASED

3
RELEASED

9
RELEASED

RELEASED

12



\$3.50

\$1.50



\$1.50



\$2.00



\$2.50