

Released Form

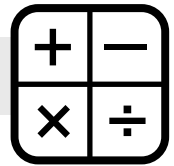
***NCEXTEND1***  
**Mathematics Assessment—**  
**Grades 3–5**



**Assessor Booklet**

Academic Services and Instructional Support  
Division of Accountability Services





## Item 1

Manipulatives: Provided by NCDPI

- Stimulus:  $4 - 1 = \underline{\quad}$
- Card A: 1
- Card B: 3
- Card C: 5

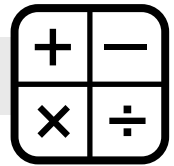
\*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

### Trial 1

- Present the stimulus card using the following script.
- SAY: **“What does 4 minus 1 equal?”**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **“1”** (Card B) **“3”** (Card C) **“5”**
- SAY: **“What does 4 minus 1 equal? 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 |



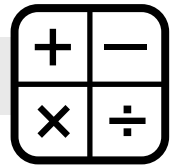
Trial 2

- Present the stimulus card using the following script.
- SAY: **“What does 4 minus 1 equal?”**
- Present the response cards using the following script.  
*If Card A was removed*
- SAY: (Card B) **“3”** (Card C) **“5”**  
*If Card C was removed*
- SAY: (Card A) **“1”** (Card B) **“3”**
- SAY: **“What does 4 minus 1 equal? 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 2

Manipulatives: Provided by NCDPI

- Card A: measuring cup  $\frac{1}{2}$  full
- Card B: measuring cup  $\frac{3}{4}$  full
- Card C: one measuring cup full

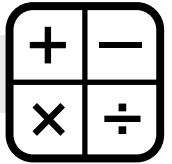
\*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

### Trial 1

- SAY: **“Which card shows a measuring cup half full?”**
- Present the response cards in the following order (*Card A, Card B, Card C*).
- SAY: **“Which card shows a measuring cup half full? 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  → Go to the next item.
- Card B  → Remove Card B, Trial 2
- Card C  → Remove Card C, Trial 2
- No Response  → Remove Card C, Trial 2



Trial 2

- SAY: **“Which card shows a measuring cup half full?”**
- Present the response cards using the following script.  
*If Card B was removed, present Card A, then Card C*  
*If Card C was removed, present Card A, then Card B*
- SAY: **“Which card shows a measuring cup half full? 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.

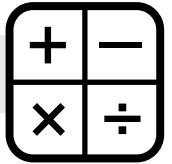
Card B  → Go to the next item.

Card C  → Go to the next item.

No Response  → Go to the next item.

RELEASED





## Item 3

Manipulatives: Provided by NCDPI

- Card A: pentagon
- Card B: square
- Card C: triangle

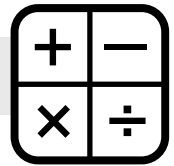
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### Trial 1

- SAY: **"Which shape has three angles?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"pentagon"** (Card B) **"square"** (Card C) **"triangle"**
- SAY: **"Which shape has three angles? 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 |



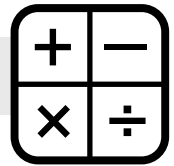
Trial 2

- Present the stimulus card using the following script.
- SAY: **“Which shape has three angles?”**
- Present the response cards using the following script.  
*If Card A was removed*
- SAY: (Card B) **“square”** (Card C) **“triangle”**  
*If Card B was removed*
- SAY: (Card A) **“pentagon”** (Card C) **“triangle”**
- SAY: **“Which shape has three angles? 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: analog clock showing 12:55
- Card A: 11:55
- Card B: 12:55
- Card C: 1:55

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

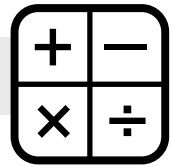
### Trial 1

- Present the stimulus card using the following script.
- SAY: **"Look at this clock. What time does this clock show?"**
- Present the response cards in the following order using the script below (*Card A, Card B, Card C*).
- SAY: (Card A) **"11:55"** (Card B) **"12:55"** (Card C) **"1:55"**
- SAY: **"What time does this clock show? 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      | <input type="radio"/> | → | Remove Card A, Trial 2                 |
| Card B      | <input type="radio"/> | → | Turn the page to end the sample items. |
| 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: **“Look at this clock. What time does this clock show?”**
- Present the response cards using the following script.  
*If Card A was removed*
- SAY: (Card B) **“12:55”** (Card C) **“1:55”**  
*If Card C was removed*
- SAY: (Card A) **“11:55”** (Card B) **“12:55”**
- SAY: **“What time does this clock show? Choose a card.”**
- Record the student response below and end the sample items.

Fill in Trial 2 Student Response Here:

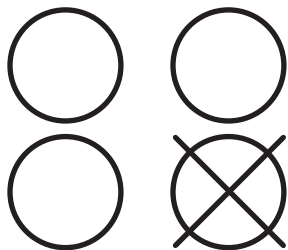
- Card A  → End the sample items.
- Card B  → End the sample items.
- Card C  → End the sample items.
- No Response  → End the sample items.

**End of the Sample Items**

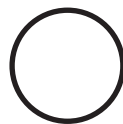
Read the following to announce the end of the testing session.

SAY: **“You have just finished sample items for the North Carolina Mathematics assessment for Grades 3–5. Thank you for your hard work.”**

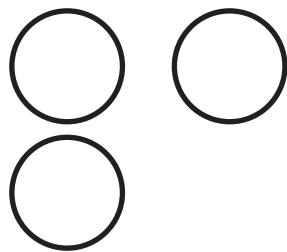




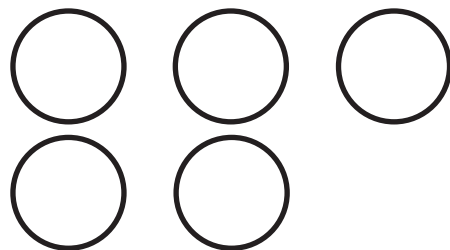
$$4 - 1 = \underline{\hspace{2cm}}$$



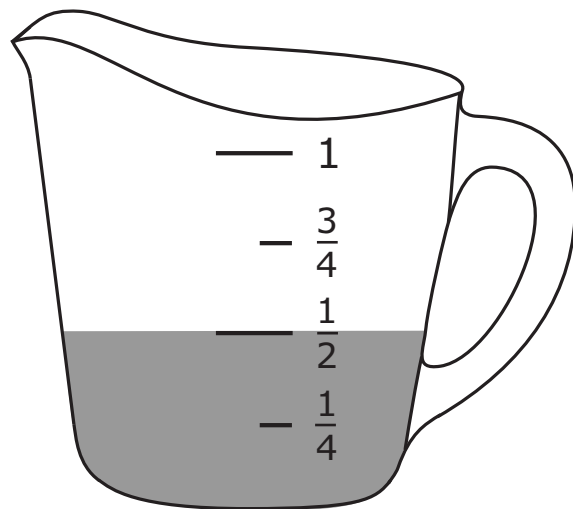
1

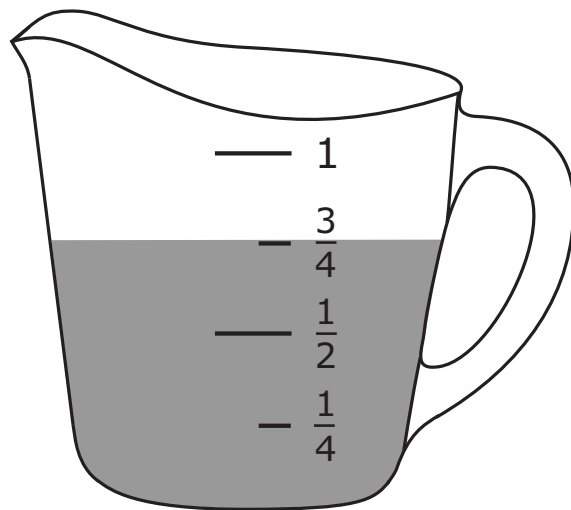


3



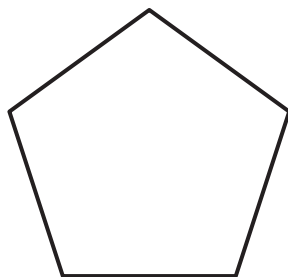
5



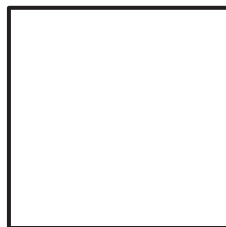




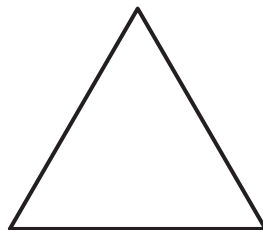




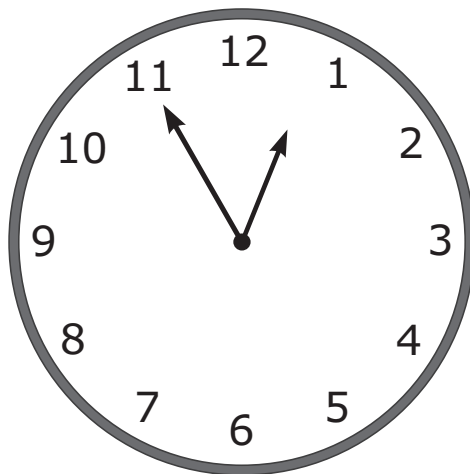
pentagon



square



triangle



11:55

12:55

1:55