Item 1

Test Cards: Provided by NCDPI

- Stimulus: a scripted presentation of an addition problem
- Stem: “What is $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$?”
  - A: $\frac{2}{4}$
  - B: $\frac{3}{4}$
  - C: $\frac{4}{4}$

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

**Trial 1**

- The assessor presents and reads the stimulus.
- The assessor says: “This shows $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$.”
- The assessor presents and reads the stem.
- The assessor says: “What is $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$?”
- The assessor presents and reads the answer choices in the following order (Choice A, Choice B, Choice C).
- The assessor says: (A) “$\frac{2}{4}$” (B) “$\frac{3}{4}$” (C) “$\frac{1}{4}$”
- The assessor says: “What is $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$? Select an answer.”
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.
<table>
<thead>
<tr>
<th>Trial 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>• The assessor presents and reads the stimulus.</td>
</tr>
<tr>
<td>• The assessor says: “Let’s try again. This shows $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$.”</td>
</tr>
<tr>
<td>• The assessor presents and reads the stem.</td>
</tr>
<tr>
<td>• The assessor says: “What is $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$?”</td>
</tr>
<tr>
<td>• The assessor presents the answer choices in the following order.</td>
</tr>
<tr>
<td>If $A$ was removed</td>
</tr>
<tr>
<td>The assessor says: (B) $\frac{3}{4}$ (C) $\frac{4}{4}$</td>
</tr>
<tr>
<td>If $B$ was removed</td>
</tr>
<tr>
<td>The assessor says: (A) $\frac{2}{4}$ (C) $\frac{4}{4}$</td>
</tr>
<tr>
<td>• The assessor says: “What is $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$? Select an answer.”</td>
</tr>
<tr>
<td>• The assessor and student continue to the next item.</td>
</tr>
</tbody>
</table>
Item 2

Test Cards: Provided by NCDPI

- Stimulus: a scripted presentation of numbered cards
- Stem: “Which choice is possible?”
- A: 3
- B: 4
- C: 7

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

Trial 1

- The assessor presents and reads the stimulus.
- The assessor says: “This shows Kathy’s cards: 2, 4, 6. Kathy chooses one card.”
- The assessor presents and reads the stem.
- The assessor says: “Which choice is possible?”
- The assessor presents and reads the answer choices in the following order (Choice A, Choice B, Choice C).
- The assessor says: (A) “3” (B) “4” (C) “7”
- The assessor says: “Which choice is possible? Select an answer.”
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.
Trial 2

- The assessor presents and reads the stimulus.
- The assessor says: “Let’s try again. This shows Kathy’s cards: 2, 4, 6. Kathy chooses one card.”
- The assessor presents and reads the stem.
- The assessor says: “Which choice is possible?”
- The assessor presents the answer choices in the following order.
  - If A was removed
    The assessor says: (B) “4” (C) “7”
  - If C was removed
    The assessor says: (A) “3” (B) “4”
- The assessor says: “Which choice is possible? Select an answer.”
- The assessor and student continue to the next item.
Item 3

Test Cards: Provided by NCDPI

- **Stimulus:** a scripted graphic presenting a group of circles and squares
- **Stem:** “What is the ratio of circles to squares?”
- **A:** 3 to 2
- **B:** 2 to 3
- **C:** 1 to 3

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

**Trial 1**

- The assessor presents and reads the stimulus.
- The assessor says: **“This shows a group of circles and squares.”**
- The assessor presents and reads the stem.
- The assessor says: **“What is the ratio of circles to squares?”**
- The assessor presents and reads the answer choices in the following order (**Choice A**, **Choice B**, **Choice C**).
- The assessor says: (A) **3 to 2** (B) **2 to 3** (C) **1 to 3**
- The assessor says: **“What is the ratio of circles to squares? Select an answer.”**
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.
### Trial 2

- The assessor presents and reads the stimulus.
- The assessor says: "**Let’s try again. This shows a group of circles and squares.**"
- The assessor presents and reads the stem.
- The assessor says: "**What is the ratio of circles to squares?**"
- The assessor presents the answer choices in the following order.

  **If B was removed**
  - The assessor says: (A) “3 to 2” (C) “1 to 3”

  **If C was removed**
  - The assessor says: (A) “3 to 2” (B) “2 to 3”

- The assessor says: "**What is the ratio of circles to squares? Select an answer.**"
- The assessor and student continue to the next item.
Item 4

Test Cards: Provided by NCDPI

- Stimulus: a scripted graphic presenting a rectangle
- Stem: “What is the perimeter of the rectangle?”
- A: 7 inches
- B: 10 inches
- C: 14 inches

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

Trial 1

- The assessor presents and reads the stimulus.
- The assessor says: “This shows a rectangle.”
- The assessor presents and reads the stem.
- The assessor says: “What is the perimeter of the rectangle?”
- The assessor presents and reads the answer choices in the following order (Choice A, Choice B, Choice C).
- The assessor says: (A) “7 inches” (B) “10 inches” (C) “14 inches”
- The assessor says: “What is the perimeter of the rectangle? Select an answer.”
- If the student answers correctly, the assessor presents the next item.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.
**Trial 2**

- The assessor presents and reads the stimulus.
- The assessor says: “**Let’s try again. This shows a rectangle.**”
- The assessor presents and reads the stem.
- The assessor says: “**What is the perimeter of the rectangle?**”
- The assessor presents the answer choices in the following order.
  - **If A was removed**
    - The assessor says: (B) “10 inches” (C) “14 inches”
  - **If B was removed**
    - The assessor says: (A) “7 inches” (C) “14 inches”
- The assessor says: “**What is the perimeter of the rectangle? Select an answer.**”
- The assessor and student continue to the next item.
Item 5

Test Cards:  Provided by NCDPI

- Stimulus:  a scripted presentation of an equation
- Stem:  “What is the value of $x$?”
- A:  4
- B:  9
- C:  14

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

Trial 1

- The assessor presents and reads the stimulus.
- The assessor says:  “This shows an equation:  $5 + x = 9$.“
- The assessor presents and reads the stem.
- The assessor says:  “What is the value of $x$?”
- The assessor presents and reads the answer choices in the following order (Choice A, Choice B, Choice C).
- The assessor says: (A) “4” (B) “9” (C) “14”
- The assessor says:  “What is the value of $x$? Select an answer.”
- If the student answers correctly, the assessor ends the presentation of the sample items.
- If the student answers incorrectly, the assessor removes the incorrect answer and proceeds to trial 2.
- If the student does not respond, the assessor randomly removes one of the incorrect answers and proceeds to trial 2.
Trial 2

- The assessor presents and reads the stimulus.
- The assessor says: "Let’s try again. This shows an equation: $5 + x = 9$.”
- The assessor presents and reads the stem.
- The assessor says: "What is the value of $x$?"
- The assessor presents the answer choices in the following order.
  - If B was removed
    The assessor says: (A) "4" (C) "14"
  - If C was removed
    The assessor says: (A) "4" (B) "9"
- The assessor says: "What is the value of $x$? Select an answer."
- The assessor ends the presentation of the sample items.
This shows $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$.
What is \( \frac{1}{4} + \frac{2}{4} + \frac{1}{4} \)?
\[ \frac{2}{4} \]
This shows Kathy’s cards.

Kathy chooses one card.

2 4 6

Kathy chooses one card.
Which choice is possible?
This shows a group of circles and squares.
What is the ratio of circles to squares?
3 to 2
2 to 3
1 to 3
This shows a rectangle.
What is the perimeter of the rectangle?
7 inches
10 inches
14 inches
This shows an equation.

\[5 + x = 9\]
What is the value of $x$?