Released Items

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NCEXTEND1
Grade 7 Mathematics

Public Schools of North Carolina
Department of Public Instruction | State Board of Education
Division of Accountability Services/North Carolina Testing Program

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.

Trial 2
• The assessor presents and reads the stimulus. • The assessor says: **"Let's try again. 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 the answer choices in the following order. *If A was removed* The assessor says: (B) **"$\frac{3}{4}$"** (C) **"$\frac{4}{4}$"** *If B was removed* The assessor says: (A) **"$\frac{2}{4}$"** (C) **"$\frac{4}{4}$"** • The assessor says: **"What is $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$? Select an answer."** • The assessor and student continue to the next item.

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 strial 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)

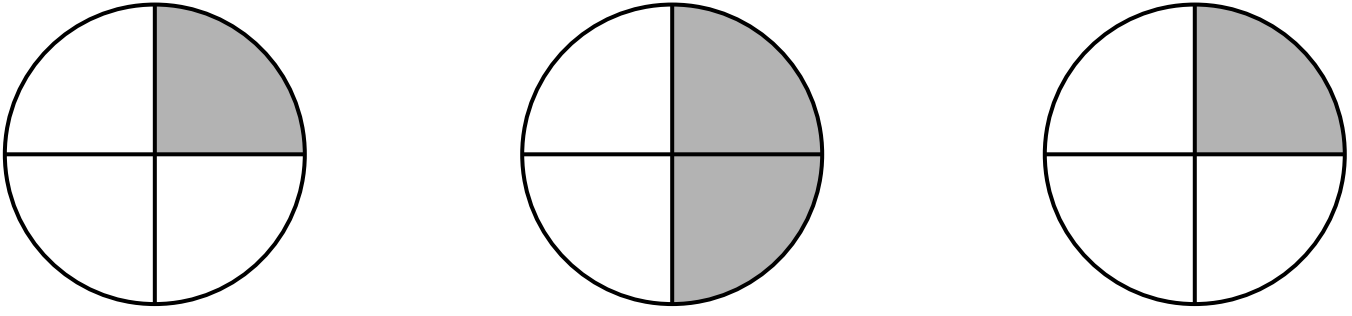
Trial 1

- 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.

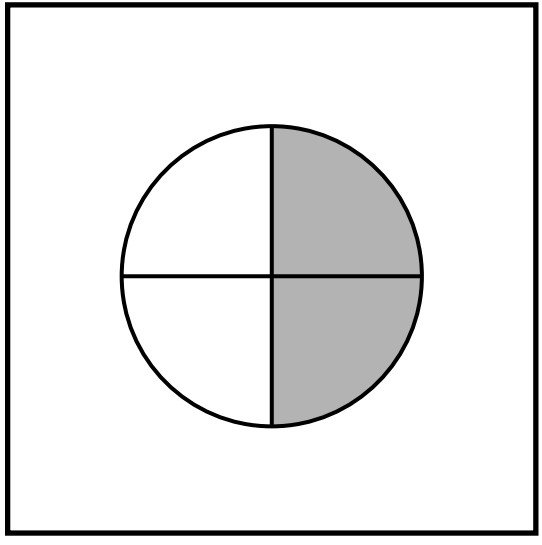
STOP

This shows $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$.

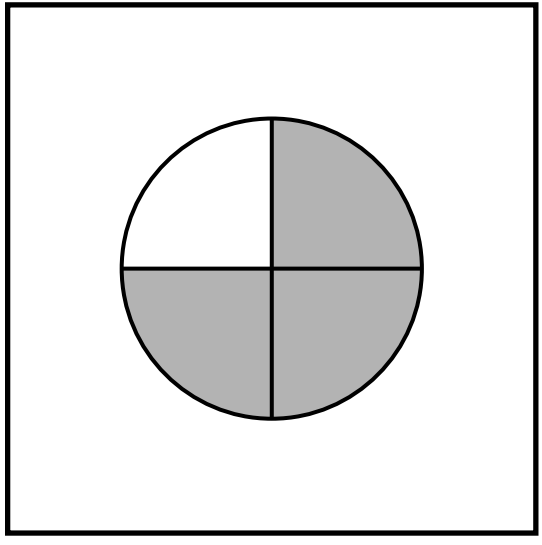


$\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$

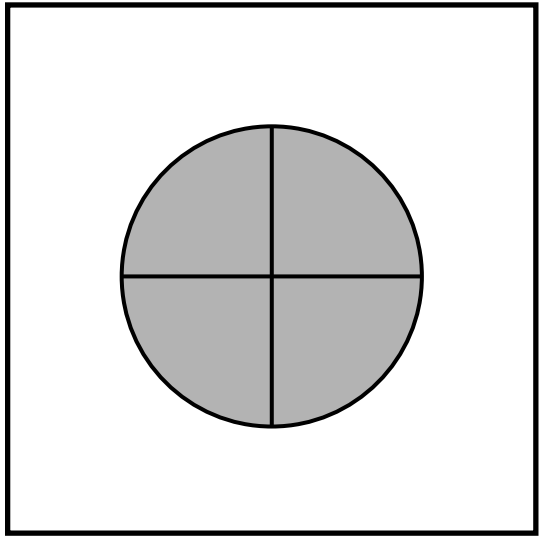
What is $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$?



$\frac{2}{4}$

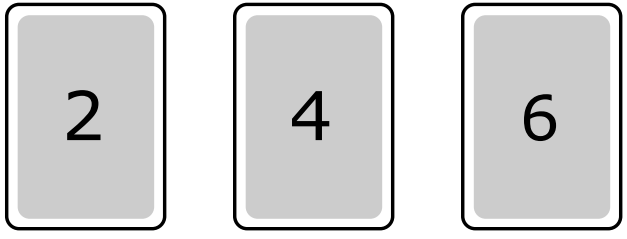


$\frac{3}{4}$



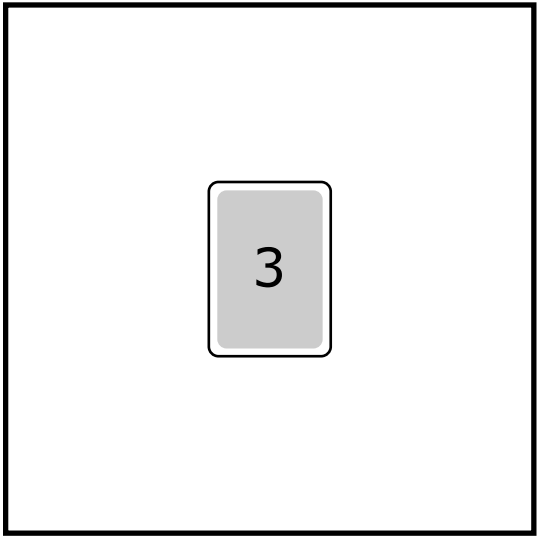
$\frac{4}{4}$

This shows Kathy’s cards.



Kathy chooses one card.

Which choice is possible?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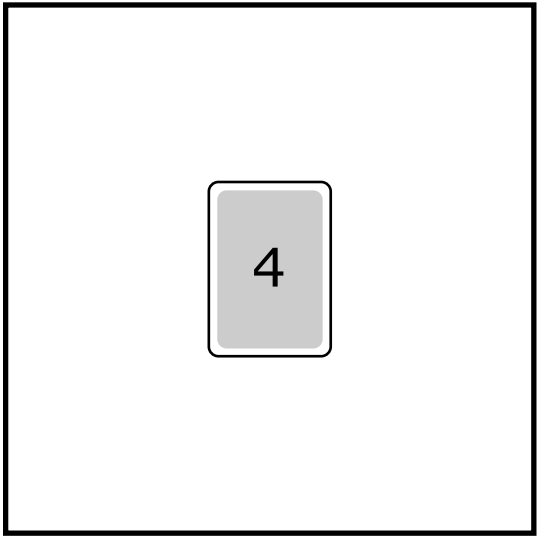
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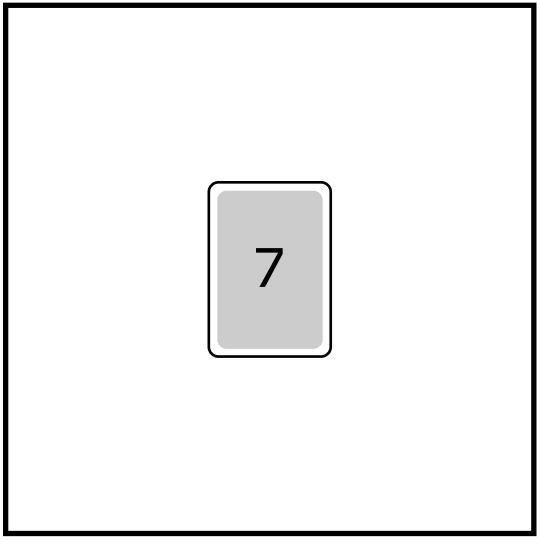
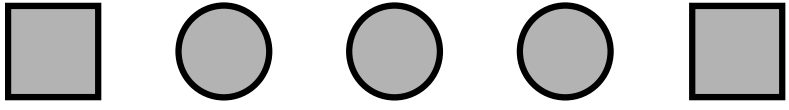

7

This shows a group of circles and squares.



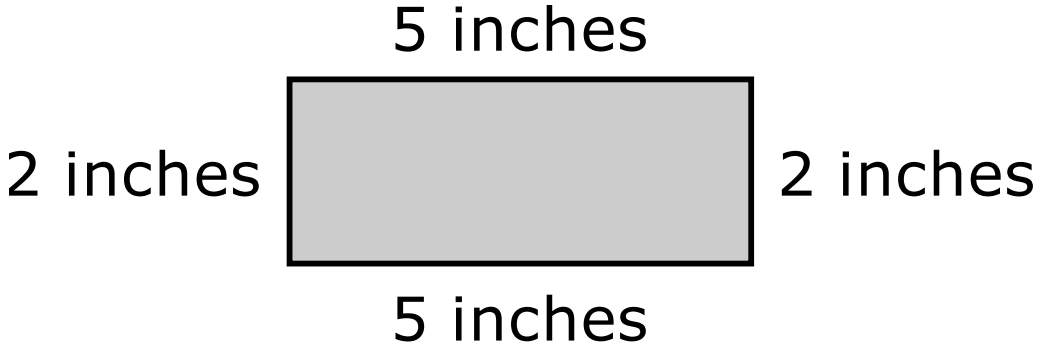
What is the ratio of circles to squares?

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?

4

9

14