

Released Items

Published March 2019

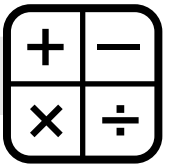
NCEXTEND1 **Grade 6 Mathematics**



Public Schools of North Carolina

Department of Public Instruction | State Board of Education

Division of Accountability Services/North Carolina Testing Program



Item 1

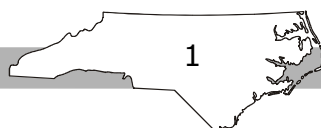
Test Cards: Provided by NCDPI

- Stem: "Which number sentence is correct?"
- A: $2 + 3 = 3 + 1$
- B: $4 + 5 = 5 + 4$
- C: $6 + 7 = 7 + 7$

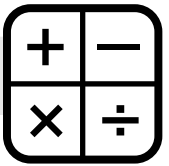
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- The assessor presents and reads the stem.
- The assessor says: **"Which number sentence is correct?"**
- The assessor presents and reads the answer choices in the following order (*Choice A, Choice B, Choice C*).
- The assessor says: (A) **" $2 + 3 = 3 + 1$ "** (B) **" $4 + 5 = 5 + 4$ "** (C) **" $6 + 7 = 7 + 7$ "**
- The assessor says: **"Which number sentence is correct? 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.



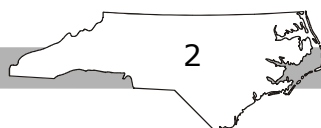
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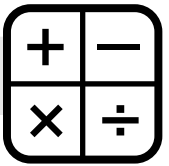


Trial 2

- The assessor presents and reads the stem.
- The assessor says: **"Let's try again. Which number sentence is correct?"**
- The assessor presents the answer choices in the following order.
If A was removed
 The assessor says: (B) "**4 + 5 = 5 + 4**" (C) "**6 + 7 = 7 + 7**"
If C was removed
 The assessor says: (A) "**2 + 3 = 3 + 1**" (B) "**4 + 5 = 5 + 4**"
- The assessor says: **"Which number sentence is correct? Select an answer."**
- The assessor and student continue to the next item.

RELEASED





Item 2

Test Cards: Provided by NCDPI

- Stimulus: a scripted presentation of a rectangle
- Stem: "What is the rectangle's area?"
- A: 5 square units
- B: 8 square units
- C: 10 square units

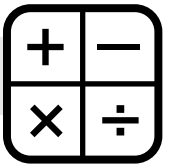
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

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 rectangle's area?"**
- The assessor presents and reads the answer choices in the following order (*Choice A, Choice B, Choice C*).
- The assessor says: (A) **"5 square units"** (B) **"8 square units"** (C) **"10 square units"**
- The assessor says: **"What is the rectangle's area? 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.



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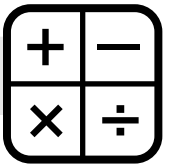


Trial 2

- 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 rectangle's area?"**
- The assessor presents the answer choices in the following order.
If A was removed
 The assessor says: (B) **"8 square units"** (C) **"10 square units"**
If B was removed
 The assessor says: (A) **"5 square units"** (C) **"10 square units"**
- The assessor says: **"What is the rectangle's area? Select an answer."**
- The assessor and student continue to the next item.

RELEASED





Item 3

Test Cards: Provided by NCDPI

- Stem: "Which choice shows a ratio of 3 apples to 1 banana?"
- A: a graphic of 1 apple and 2 bananas
- B: a graphic of 3 apples and 1 banana
- C: a graphic of 3 apples and 2 bananas

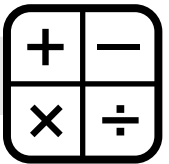
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- The assessor presents and reads the stem.
- The assessor says: **"Which choice shows a ratio of 3 apples to 1 banana?"**
- The assessor presents the answer choices in the following order (*Choice A, Choice B, Choice C*).
- The assessor says: **"Which choice shows a ratio of 3 apples to 1 banana? 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.



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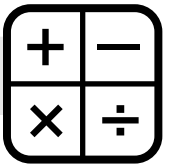


Trial 2

- The assessor presents and reads the stem.
- The assessor says: **"Let's try again. Which choice shows a ratio of 3 apples to 1 banana?"**
- The assessor presents the answer choices in the following order.
If A was removed, the assessor presents B, then C.
If C was removed, the assessor presents A, then B.
- The assessor says: **"Which choice shows a ratio of 3 apples to 1 banana? Select an answer."**
- The assessor and student continue to the next item.

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Item 4

Test Cards: Provided by NCDPI

- Stimulus: a scripted presentation of a chart
- Stem: "Which dot plot shows the information in the chart?"
- A: dot plot
- B: dot plot
- C: dot plot

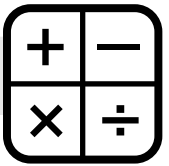
*Objects/symbols may be substituted for the pictures if used routinely in the classroom. (Provided by the assessor)

Trial 1

- The assessor presents and reads the stimulus.
- The assessor says: **"A class went for a walk in the forest. This chart shows the number of animals the class saw on its walk."**
- The assessor presents and reads the stem.
- The assessor says: **"Which dot plot shows the information in the chart?"**
- The assessor presents the answer choices in the following order (*Choice A, Choice B, Choice C*).
- The assessor repeats says: **"Which dot plot shows the information in the chart? 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.



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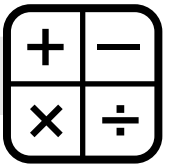


Trial 2

- The assessor presents and reads the stimulus.
- The assessor says: **“Let’s try again. A class went for a walk in the forest. This chart shows the number of animals the class saw on its walk.”**
- The assessor presents and reads the stem.
- The assessor says: **“Which dot plot shows the information in the chart?”**
- The assessor presents the answer choices in the following order.
If B was removed, the assessor presents A, then C.
If C was removed, the assessor presents A, then B.
- The assessor says: **“Which dot plot shows the information in the chart? Select an answer.”**
- The assessor and student continue to the next item.

RELEASED





Item 5

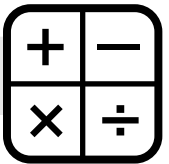
Test Cards: Provided by NCDPI

- Stimulus: a scripted presentation of 9 strawberries
- Stem: "How many strawberries does each person get?"
- A: 3
- B: 2
- C: 1

*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 9 strawberries. Three people share the strawberries equally."**
- The assessor presents and reads the stem.
- The assessor says: **"How many strawberries does each person get?"**
- The assessor presents and reads the answer choices in the following order (*Choice A, Choice B, Choice C*).
- The assessor says: (A) **"3"** (B) **"2"** (C) **"1"**
- The assessor says: **"How many strawberries does each person get? 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 9 strawberries. Three people share the strawberries equally."**
- The assessor presents and reads the stem.
- The assessor says: **"How many strawberries does each person get?"**
- The assessor presents the answer choices in the following order.
If B was removed
 The assessor says: (A) **"3"** (C) **"1"**
If C was removed
 The assessor says: (A) **"3"** (B) **"2"**
- The assessor says: **"How many strawberries does each person get? Select an answer."**
- The assessor ends the presentation of the sample items.

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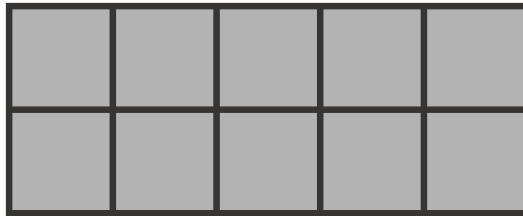
Which number sentence is correct?

$$2 + 3 = 3 + 1$$

$$4 + 5 = 5 + 4$$

$$6 + 7 = 7 + 7$$

This shows a rectangle.



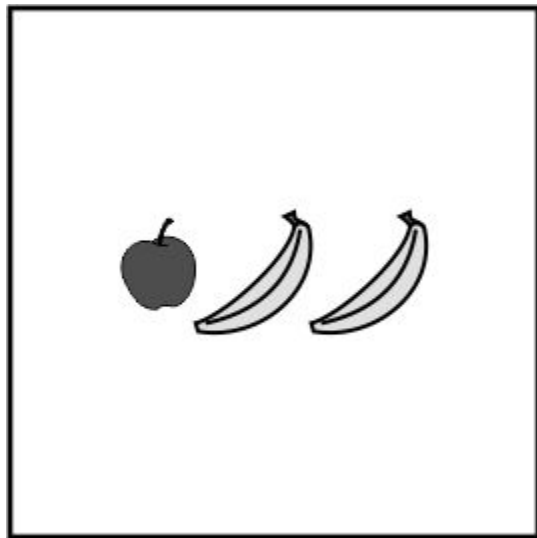
What is the rectangle's area?

5 square units

8 square units

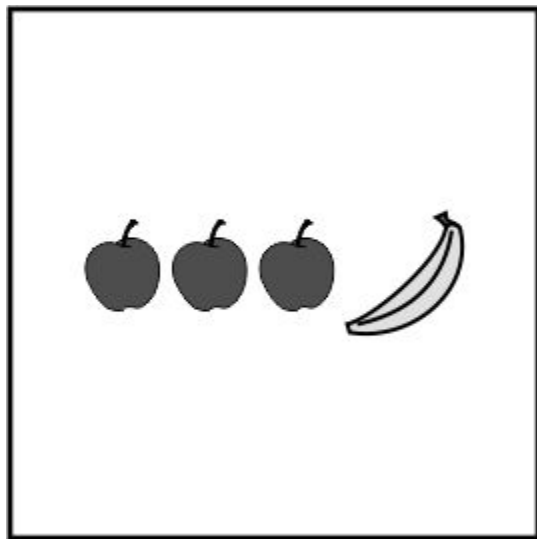
10 square units

Which choice shows a ratio of 3 apples to 1 banana?



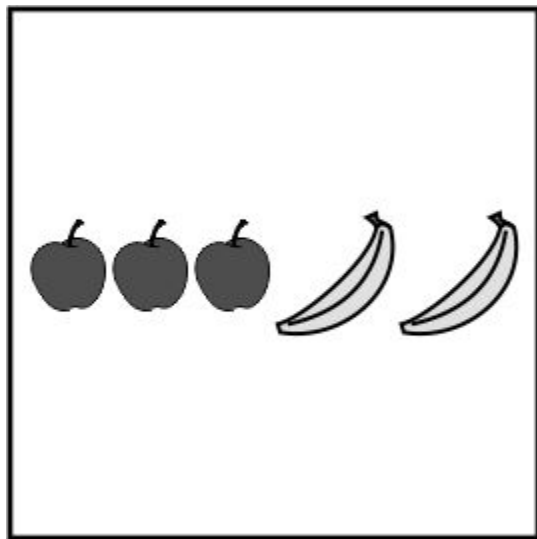
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Item 3 A Grade 6 Mathematics



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Item 3 B Grade 6 Mathematics



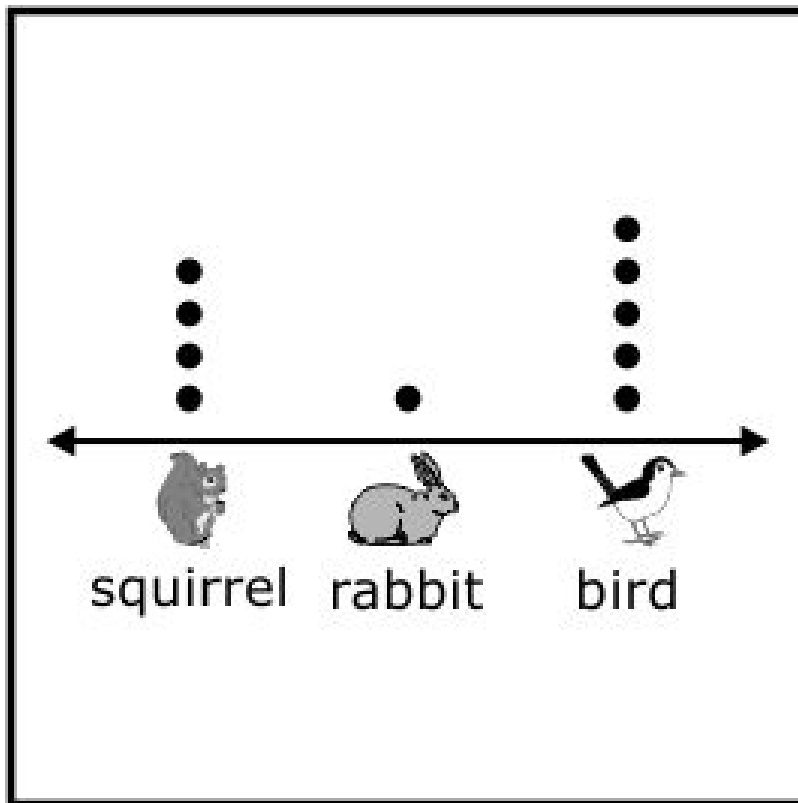
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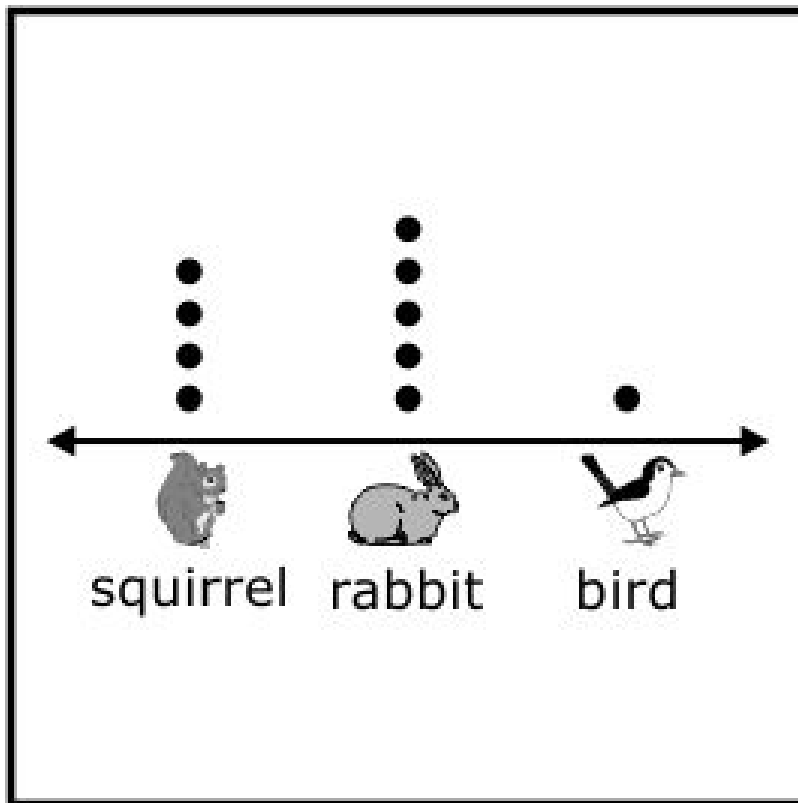
Item 3 C Grade 6 Mathematics

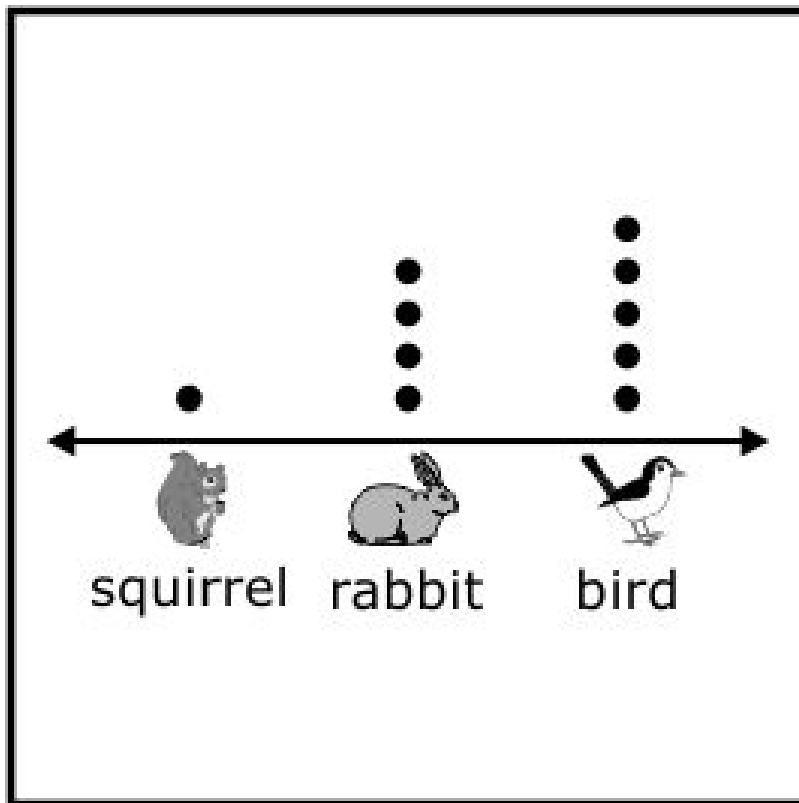
A class went for a walk in the forest. This chart shows the number of animals the class saw on its walk.

Animal	Number Seen
 squirrel	4
 rabbit	1
 bird	5

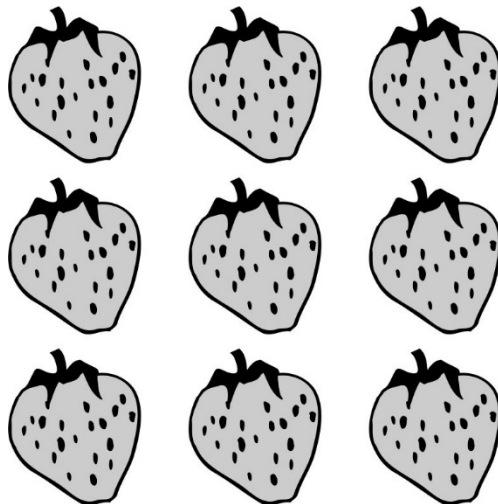
Which dot plot shows the information in the chart?







This shows 9 strawberries. Three people share the strawberries equally.



How many strawberries does each person get?

3

2

1