



# MATHEMATICS

# Grade 5

2015 Released Test Questions

## TEST ADMINISTRATOR INSTRUCTIONS

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## Presentation Instructions for Question 1

Present Stimulus 1.

Direct the student to the number sentence. Communicate: **This is the number sentence  $8 + 1 = 9$ . It is an addition number sentence that belongs to a fact family.**

Communicate: Find the addition number sentence.

Stimulus 1

$$8 + 1 = 9$$

## Presentation Instructions for Question 2

Present Stimulus 2a and 2b.

Direct the student to Stimulus 2a. Communicate: **This is an addition number sentence.  $8 + 1 = 9$ .**

Direct the student to each answer choice in Stimulus 2b. Communicate: **These are subtraction number sentences.  $8 - 1 = 7$ ;  $9 - 1 = 8$ .**

Communicate: **Find the subtraction number sentence that has the same numbers as the addition number sentence.**

## Presentation Instructions for Question 3

Present Stimulus 3.

Direct the student to each answer choice. Communicate the number sentences in each answer choice.

Communicate: Find the pair of number sentences that are in the same fact family.

### Stimulus 3

$6 - 5 = 1$ and $15 + 1 = 16$	*	$6 - 5 = 1$ and $5 + 1 = 6$	$5 - 1 = 4$ and $5 + 1 = 6$
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### Scoring Instructions

Student Action	Test Administrator Action
If the student finds “ $6 - 5 = 1$ ” and “ $5 + 1 = 6$ ,”	mark <b>A</b> for question 3 and move to question 4.
If the student does not find “ $6 - 5 = 1$ ” and “ $5 + 1 = 6$ ,”	<p>provide one of these allowable teacher assists to the student:</p> <ul style="list-style-type: none"> <li>• Have the student identify what makes a fact family. <b>OR</b></li> <li>• Have the student match the numbers within each answer choice. <b>OR</b></li> <li>• Highlight matching numbers with the same color.</li> </ul> <p>Replicate the initial presentation instructions.</p>
After the selected teacher assistance, if the student finds “ $6 - 5 = 1$ ” and “ $5 + 1 = 6$ ,”	mark <b>B</b> for question 3 and move to question 4.
After the selected teacher assistance, if the student does not find “ $6 - 5 = 1$ ” and “ $5 + 1 = 6$ ,”	mark <b>C</b> for question 3 and move to question 4.

## Presentation Instructions for Question 4

Present Stimulus 4a and 4b.

Direct the student to Stimulus 4a. Communicate: **These number sentences are in the same fact family.**

Direct the student to the empty box. Communicate: **One number sentence is missing.**

Direct the student to each answer choice in Stimulus 4b.

Communicate: **Find the number sentence that is missing from the fact family.**

### Stimulus 4a

$$2 + 5 = 7$$

$$5 + 2 = 7$$

$$7 - 2 = 5$$

### Stimulus 4b

$$7 + 5 = 12$$

$$5 - 2 = 3$$

$$* 7 - 5 = 2$$

## Scoring Instructions

Student Action	Test Administrator Action
If the student finds "7 - 5 = 2,"	mark <b>A</b> for question 4.
If the student does not find "7 - 5 = 2,"	replicate the initial presentation instructions.
After the teacher repeats the instructions, if the student finds "7 - 5 = 2,"	mark <b>B</b> for question 4.
After the teacher repeats the instructions, if the student does not find "7 - 5 = 2,"	mark <b>C</b> for question 4.