

Directions for Completing Grade 4 FSA Mathematics Paper-Based Items

Test administrators or other school staff will use this handout, along with the accompanying script (available in the FSA Portal), to administer **required** paper-based test item practice sessions to students prior to testing. Students may also access this handout on the portal to practice on their own.

The purpose of this handout is to orient test administrators and students to the possible types of test items that **may** appear on the Grade 4 FSA Mathematics assessment.

- 1) For **multiple-choice items**, choose the best answer from the answer choices, and fill in one bubble for the correct answer. Fill in the bubble by making a solid mark that completely fills the circle.

Example:

What is 78 rounded to the nearest ten?

- Ⓐ 70
- Ⓑ 75
- Ⓒ 80
- Ⓓ 100

- 2) For **multiselect items**, choose more than one correct answer from the answer choices and fill in the bubbles for more than one correct answer. Be sure to read the item carefully.

Example:

Select all the expressions that have the same value as $30 \div 10$.

- Ⓐ 1×3
- Ⓑ $10 \div 30$
- Ⓒ 30×10
- Ⓓ $30 \div 10 \div 1$
- Ⓔ $30 \div (2 \div 5)$
- Ⓕ $(30 \div 2) \div 5$

- 3) For **matching items**, read the directions carefully to understand how to respond to the item. Fill in the bubble or bubbles based on the instructions to respond to this item.

Example:

Select $>$, $<$, or $=$ to complete a true comparison for each pair of fractions.

	$>$	$<$	$=$
$\frac{4}{3} \square \frac{6}{5}$	(A)	(B)	(C)
$\frac{6}{2} \square \frac{9}{3}$	(D)	(E)	(F)
$\frac{3}{2} \square \frac{7}{4}$	(G)	(H)	(I)

- 4) For **table items**, you are required to write the answer or answers into cells of a table. Read the instructions carefully to know how to respond. You may be required to complete the entire table or portions of the table depending on what the item asks.

Example:

Original numbers are rounded to the nearest hundred and to the nearest thousand. The original numbers are different from all the rounded numbers in the table.

Complete the table with possible original numbers.

Original Number	Rounded to the Nearest Hundred	Rounded to the Nearest Thousand
	13,600	14,000
	2,400	2,000

- 5) For **open response items**, read the question carefully, and write your answer in the space provided.

Example:

Joanna has \$54. She is shopping for umbrellas that cost \$12 each. She writes the following equation to model the situation.

$$54 \div 12 = 4 \text{ r } 6$$

What does the number 6 represent about Joanna's money?

<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

- 6) For **equation items**, you will respond by writing your response in a text box. Writing your response is the correct way to enter your answer **ONLY** for the items that tell you to do this.

Example A:

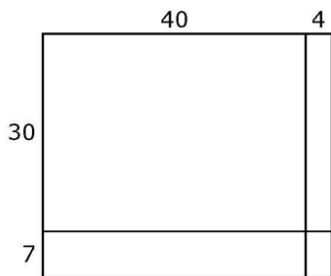
A bakery uses 48 pounds of flour each day. It orders flour every 28 days.

Create an equation that shows how many pounds of flour the bakery needs to order every 28 days.

Example B:

Some equation items have **two parts**. For a **two-part equation item** like the one in Example B, be sure to enter your answer for each part of the item.

An area model is shown.

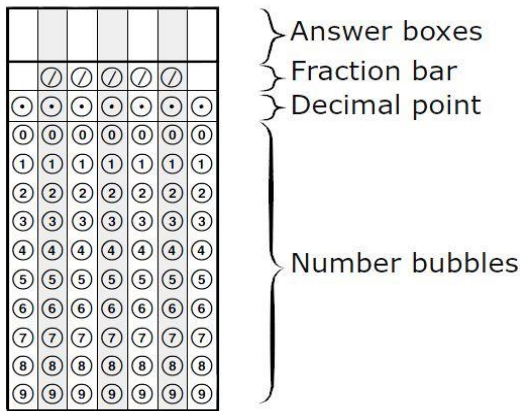


- Create a multiplication expression that you could use to find the area of this model.

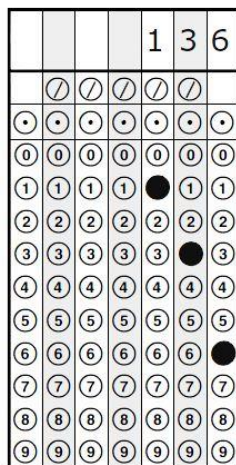
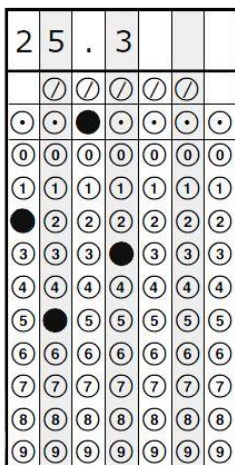
- What is the total area, in square units, of the model?

7) Some items will require you to write your answer in a **response grid** and then fill in the corresponding bubbles. Follow the steps below to complete a response grid:

1. Work the problem and find an answer.
2. Write your answer in the answer boxes at the top of the grid.
 - Write your answer with the first digit in the left answer box OR with the last digit in the right answer box.
 - Write only one digit or symbol in each answer box. Do NOT leave a blank answer box in the middle of an answer.
 - Be sure to write a decimal point or fraction bar in the answer box if it is a part of the answer.
3. Fill in a bubble under each box in which you wrote your answer.
 - Fill in one and ONLY one bubble for each answer box. Do NOT fill in a bubble under an unused answer box.
 - Fill in each bubble by making a solid mark that completely fills the circle.
 - You MUST fill in the bubbles accurately to receive credit for your answer.



- When a percent is required to answer a question, do NOT convert the percent to its decimal or fractional equivalent. Grid the percent value without the % symbol. Do the same with dollar amounts.



- Do NOT write a mixed number, such as $13\frac{1}{4}$, in the answer boxes. Change the mixed number to an equivalent fraction, such as $\frac{53}{4}$, or to an equivalent decimal, such as 13.25. Do not try to fill in $13\frac{1}{4}$, as it would be read as $\frac{131}{4}$ and would be counted wrong.

CORRECT

INCORRECT

5	3	/	4		
/	•	•	/	/	/
•	•	•	•	•	•
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	•	3	3	3	3
4	4	4	•	4	4
•	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

OR

1	3	.	2	5	
/	/	/	/	/	
•	•	•	•	•	•
0	0	0	0	0	0
•	1	1	1	1	1
2	2	2	•	2	2
3	•	3	3	3	3
4	4	4	4	4	4
5	5	5	5	•	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

1	3	1	/	4	
/	/	•	/	/	
•	•	•	•	•	•
0	0	0	0	0	0
•	1	•	1	1	1
2	2	2	2	2	2
3	•	3	3	3	3
4	4	4	4	•	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Example:

A rectangle has a length of 11 feet and a perimeter of 38 feet.

What is the width, in feet, of the rectangle?

/	/	/	/	/	
•	•	•	•	•	•
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9