Ohio’s State Tests

PRACTICE TEST
LARGE PRINT

GRADE 3
MATHEMATICS

Student Name
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**Directions for Completing the Response Grids**

1. Work the problem, and find an answer.

2. Write your answer in the answer boxes at the top of the grid in the Student Test Booklet.
   - Write only one digit or symbol in each answer box.
   - 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 in the Student Test Booklet.
   - 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.
You can record a mixed number in several different ways. You can write it as:

<table>
<thead>
<tr>
<th>a. A whole number and a fraction (5 1/2). Be sure to include a space between the whole number and the fraction.</th>
<th>b. An equivalent fraction (11/2)</th>
<th>c. An equivalent decimal (5.5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Diagram for 5 1/2]</td>
<td>![Diagram for 11/2]</td>
<td>![Diagram for 5.5]</td>
</tr>
</tbody>
</table>
Directions:

Today you will be taking the Ohio Grade 3 Mathematics Practice Assessment.

There are several important things to remember:

1. Read each question carefully. Think about what is being asked. Look carefully at graphs or diagrams because they will help you understand the question. Then, choose or write the answer you think is best.

2. Use only a #2 pencil to answer questions on this test.

3. For questions with bubbled responses, fill in the circle next to your answer choice. If you change your answer, make sure you erase your old answer completely. Do not cross out or make any marks on the other choices.

4. For questions with response boxes, write your answer neatly, clearly and only in the space provided. Answers written outside of the space provided will not be scored.

5. If you do not know the answer to a question, skip it and go on to the next question. If you have time, go back to the questions you skipped and try to answer them before turning in your Student Test Booklet.

6. Check over your work when you are finished.
1. Dawn has \( \frac{1}{4} \) of a whole fraction model. Which fraction model should Dawn make to represent the whole figure?

A) 
B) 
C) 
D)
2. This item cannot be rendered as a paper/pencil item.

3. This item cannot be rendered as a paper/pencil item.
4. Write a story problem that could be represented by the expression $2 \times 8$.

Give the value of the expression $2 \times 8$ as part of your story problem.

Write your story problem and answer in the space provided.
5. The floor of a rectangular playroom is covered by square tiles as shown.

What is the area, in square meters, of the playroom floor? Enter the number in the response grid.

= 1 square meter

square meters
6. This item cannot be rendered as a paper/pencil item.

7. This item cannot be rendered as a paper/pencil item.
8. Sandra has 24 strawberries.

Fill in the bubbles before the **two** situations that can be represented by the expression $24 \div 4$.

A  She puts 4 strawberries into a container.
B  Her friend gives her 4 more strawberries.
C  Her 4 friends each give her 24 more strawberries.
D  She places an equal number of strawberries into 4 containers.
E  She gives the same number of strawberries to each of 4 friends.
Grade 3 Math—Part 1

9.

This item cannot be rendered as a paper/pencil item.

10.

This item cannot be rendered as a paper/pencil item.
11. Zoe takes her dog for a walk at 4:17 p.m. She and her dog return from the walk at 5:07 p.m.

How many minutes (min) did Zoe walk her dog? Enter the number in the response grid.
12. A school uses 3 school buses to take students on a field trip. There are 30 students on each bus.

How many students are on the field trip? Enter the number in the response grid.
13. This item cannot be rendered as a paper/pencil item.

14. This item cannot be rendered as a paper/pencil item.
15. Fatima asks people what their favorite sports are. She records their answers on the bar graph shown.

**Favorite Sports**

<table>
<thead>
<tr>
<th>Sport</th>
<th>Number of People</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baseball</td>
<td>10</td>
</tr>
<tr>
<td>Football</td>
<td>2</td>
</tr>
<tr>
<td>Hockey</td>
<td>6</td>
</tr>
<tr>
<td>Soccer</td>
<td>4</td>
</tr>
</tbody>
</table>
How many more people like baseball than hockey? Enter the number in the response grid.
Do not go on
Do not go on
This item cannot be rendered as a paper/pencil item.
2. A rectangle is shown.

Which rectangle has the same perimeter as the one shown?

A

B

C

D
3. Which fraction is equivalent to 4?

A  $\frac{1}{4}$  
B  $\frac{4}{1}$  
C  $\frac{2}{2}$  
D  $\frac{4}{4}$
Go to the next page
4. Sam and Tessa each have a container of water, as shown.
What is the total number of liters (L) of water that Sam and Tessa have? Enter the number in the response grid.
5. Two statements with missing numbers are shown.

\[
\frac{2}{3} > \square \ \frac{2}{6}
\]

\[
\square \ \frac{3}{4} < \frac{3}{4}
\]

Which value for the missing numerators will make both statements true?

(A) 2
(B) 3
(C) 4
(D) 5
6. A figure is shown.
What is the area, in square centimeters (sq cm), of the figure? Enter the number in the response grid.
7. Which number rounds to 700 when rounded to the nearest hundred?

A 609  
B 649  
C 748  
D 752

8. Which example involves finding area?

A packing a box  
B painting a wall  
C weighing a fruit  
D measuring a height
9. This item cannot be rendered as a paper/pencil item.

10. This item cannot be rendered as a paper/pencil item.