

SKILLS LIST and SAMPLE TEST ITEMS

FOR

**PRACTICE TEST FOR MATHEMATICS, GRADE 2
SHORT FORM A**

(Test items developed for skills measured in STANFORD10)

Skills

- | | | | |
|-----|-----------------------------|-----|----------------------|
| 1.0 | Problem Solving | 3.0 | Related Processes |
| 1.1 | Number Sense and Operations | 3.1 | Symbols and Terms |
| 1.2 | Algebra | 3.2 | Estimation |
| 1.3 | Data Interpretation | 3.3 | Connections |
| 1.4 | Geometry/Measurement | 3.4 | Reasoning |
| 2.0 | Procedures | 3.5 | Everyday Problems |
| 2.1 | Number Facts | 3.6 | Symbols and Notation |
| 2.2 | Whole Numbers | | |

Number of questions: 50
Number of pages: TE=8; SE=16
Approximate testing time: 58 minutes

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(OVER)

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STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 2
TEACHER DIRECTIONS - FORM A

Teacher Says: Look at Sample A on page 1. Listen. Emily had 35 marbles. Her little brother lost fifteen of them. How many marbles does she have now? What is thirty-five minus fifteen? Mark the circle under the answer that is correct.

Wait while students select an answer choice.

Which circle did you fill in? Yes. That's right. You should have filled in the circle below the second number, twenty. Thirty-five minus fifteen is twenty. Emily has twenty marbles left.

Now go to Sample B. Morgan was making stars for an art project. She put them in stacks of five so she could count them easier. How many stars does Morgan have now? Mark the circle below the answer choice that shows how many stars Morgan has made?

Wait while students select an answer choice.

What is the correct answer? Yes. That's right. You should have marked the circle below the last answer choice. If you count the stars by fives, there are forty-five.

Now we will do some more problems like the samples. I will read the directions for each problem. Listen carefully as I read each problem. Think carefully about what I am asking you to do each time.

Move to number 1. What symbol should be placed in the box to make both sides of the number sentence true? Mark the circle below the symbol that will make both sides of the number sentence true.

Move to number 2. The first grade classes had a total of twenty-seven students in them. There were six more students in the second grade classes. How many students were in the second grade classes? Remember, there were twenty-seven students in first grade, and there were six more in the second grade. Mark the circle below the number that shows how many students were in second grade.

Look at number 3. Kayla has the game you see in number 3. Look at the game. Which problem could you use to find out how many rings there are in all? Mark the circle below the correct answer.

STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 2
STUDENT EDITION - FORM A

SAMPLE A

15
Ⓐ

20
Ⓑ

25
Ⓒ

30
Ⓓ

SAMPLE B



9
Ⓐ

35
Ⓑ

40
Ⓒ

45
Ⓓ

1. $60 \square 25 = 25 \square 60$

+

Ⓐ

-

Ⓑ

<

Ⓒ

>

Ⓓ

2.

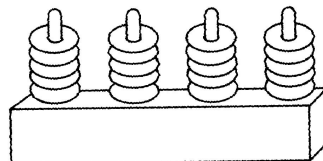
6
Ⓐ

27
Ⓑ

33
Ⓒ

43
Ⓓ

3.



4 + 5
Ⓐ

5 x 4
Ⓑ

5 - 4
Ⓒ

4 x 4
Ⓓ