

SKILLS LIST and SAMPLE TEST ITEMS

FOR

PRACTICE TEST FOR MATHEMATICS, GRADE 1

(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: 72
Number of pages: TE=9; SE=20
Approximate testing time: 80 minutes

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(OVER)

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STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 1
TEACHER DIRECTIONS - FORM A

Teacher says: Look at Sample A on page 1. Listen. Sally had six shells. Find the group that shows Sally's shells. Sally had six shells. Mark the circle under the answer that is correct.

Wait while students select an answer.

Which circle did you fill in? Yes. That's right. You should have filled in the circle below the third set of shells. It has six shells. Sally had six shells.

Teacher says: Now go to Sample B. Look at the group of blocks below. How many blocks are there in all? Mark the circle below the answer choice that shows how many blocks there are.

Wait while students select an answer.

Which circle did you fill in? Yes. That's right. You should have filled in the circle below the third answer choice, thirty. If you count the groups of blocks by tens, there are thirty.

Teacher says: 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. Mom brought a carton of strawberries. There are 24 strawberries in the box. We ate 14 strawberries. How many strawberries did we have left? There were 24 strawberries in the box. We ate 14 strawberries. Mark the circle below the number that shows how many strawberries we had left.

Move to number 2. Look at the problems in number 2. Which of these is a true problem? Look at the answer choices. Find the one that would have the same answer if you worked each side of the problem.

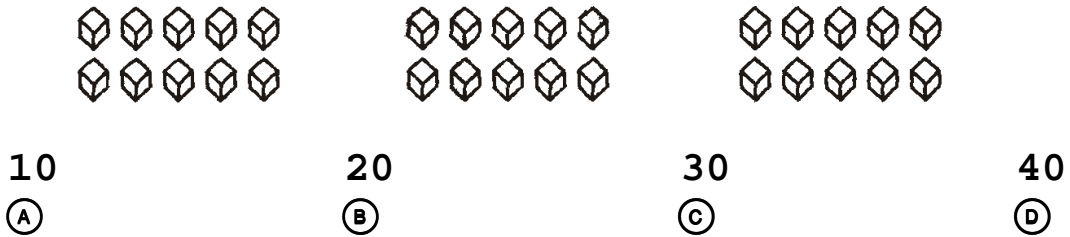
Teacher says: Look at number 3 on page 2. Cindy had thirty-two nickels. She gave her brother some nickels. Then she had twenty-six nickels. How many nickels did she give to her brother? Mark the circle below the correct answer.



STANFORD10 PRACTICE TEST IN MATHEMATICS - GRADE 1
STUDENT EDITION - FORM A

SAMPLE A



SAMPLE B



1. 24 
14 

- (A) 10 (B) 14 (C) 24 (D) 38

2.

- (A) $36 + 27 = 27 + 36$
(B) $36 + 27 = 65 - 27$
(C) $63 + 72 = 72 - 36$
(D) $36 - 9 = 36 + 9$