

Approach: One to one

Year: 4

Focus: Number strategy

Resources: 4 problem cards, recording book

NEMP
Access
Task

Questions / instructions:

% responses
y4

Follow the number problems as I read them to you. You can write in the recording book to help you work them out if you want.

Hand recording book and pencil to the student.

Hand and read card 1 to the student.

1. What is your answer to this problem? ✓ \$18 31
 ✗ \$13 [56]
2. Tell me how you worked it out.

Hoani and Jane each have \$5 and Kelsey has \$8. How much money have they got altogether?

combination of methods 11
 addition 84
 subtraction 0
 multiplication 1
 division 1
 strategy showing how numbers were combined 51

Hand and read card 2 to the student.

3. What is your answer to this problem? \$24 68
4. Tell me how you worked it out.

Akila earns \$6 a week cleaning cars after school. How much will he earn in 4 weeks?

combination of methods 9
 addition 54
 subtraction 0
 multiplication 25
 division 12
 strategy showing how numbers were combined 35

Hand and read card 3 to the student.

5. What is your answer to this problem? 19 82
6. Tell me how you worked it out.

Tom has \$25. He spends \$6 at the movies. How much does he have left?

combination of methods 3
 addition 2
 subtraction 90
 strategy showing how numbers were combined 51

Hand and read card 4 to the student.

7. What is your answer to this problem? 18 23
8. Tell me how you worked it out.

Jin Ho gave her brother 6 of her stickers. She now has 12. How many stickers did she have to start with?

combination of methods 6
 addition 74
 subtraction 7
 multiplication 3
 division 1
 strategy showing how numbers were combined 23

Total score: 5 20
 4 37
 3 22
 2 13
 1 6
 0 2

Commentary:

Students did well at finding the answers involving straight-forward story settings, calling clearly for certain calculations. Performance dropped off considerably when the approach to problem solution was not readily apparent.