Multi-State Alternate Assessment

Mathematics
Grade 6 Sample Items
Session 1 - Item 1

This item is about solving a problem using a ratio.

June learned 6 new vocabulary words for every chapter she read. This is a ratio of 6 to 1.

\[6 : 1\]

June learned 60 new vocabulary words.

How many chapters did June have to read to learn 60 new vocabulary words?

- 3 chapters
- 6 chapters
- 10 chapters
Session 1 - Item 2

This item is about solving a problem using a ratio.

Connie earned $10 for every car she washed.

This is a ratio of 10 dollars earned for 1 car washed.

10 : 1

This is a ratio of 10 dollars earned for 1 car washed.
How many dollars did Connie earn by washing 3 cars?

○ $10
○ $11
○ $30
Session 1 - Item 3

This item is about solving a problem using a ratio.

The students in Ms. Victor’s class collected books.

There are three boxes.

Each box holds 2 books.
How many total books did the students put in to fill the 3 boxes?

- 3 books
- 5 books
- 6 books