

Unit 2 Module 4 Session 3

Problems and Investigations-Library Books Problems

Getting Ready-

- SB 71-72 More Library Books Problems
- Base Ten Pieces
- Colored Tiles

VOCABULARY

Product



- Interpret products of whole numbers
- Fluently multiply within 100 using strategies
- Solve two-step story problems using addition, subtraction, and multiplication
- Fluently add and subtract within 1000 using strategies



WORKBOOK

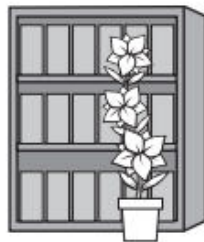
PAGE 71 PLEASE



More Library Books Problems page 1 of 2

Mr. Jackson is the librarian at Woodlawn Elementary School. He loves to learn about what his students are interested in and like to read so that he can get new books for the library.

- 1 Mr. Jackson got some new books for the library, all of which are the same size. He wants to display them for the students and teachers. He put the same number of books on each shelf, as you can see in the picture. How many books are displayed on the shelves in all? Show your work.



- 2 The students at Woodlawn love fantasy fiction, so Mr. Jackson ordered some popular series of fantasy books. There are 7 books in the series by one of the most popular fantasy authors. Mr. Jackson decided to buy 4 sets of that series for the library. The students liked those books so much that Mr. Jackson bought 4 sets of another series that includes 5 books. How many new fantasy books did Mr. Jackson buy in all? Show your work.
- 3 The students at Woodlawn love science, so Mr. Jackson bought a set of science books for them that included 10 different books. Five of the books were 3 inches thick, 3 were 2 inches thick, and 2 were 1 inch thick. How much space will he need to keep them together on the shelf? Show your work.

More Library Books Problems page 2 of 2

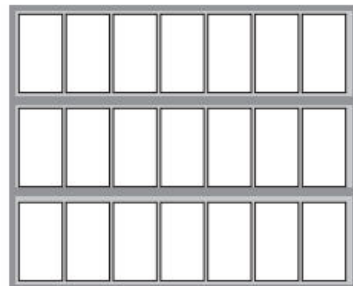
The PTA had a fundraiser and they gave some of the money they raised to Mr. Jackson to buy even more books for the library. Mr. Jackson asked some of the teachers to help him decide what to buy. They listed the following books.

Book	Cost Per Book	Number to Buy
The Mystery of the Purple Python	\$6	3
A Trip to Mars	\$7	4
The Haunted School Gym	\$5	4
The Great Book of Food Jokes	\$4	6

- 4 After Mr. Jackson figured out how much those books would cost, he saw that he had \$85 left to spend. How much money did the PTA give him to start with? Show your work.

Work on pages
71 and 72 with
a partner.

- 5 Write a story problem about this picture. Solve the problem in your journal, and then trade problems with a classmate. You can add more information—like titles, author names, and prices—to the picture to use in your story problem.





LET'S SHARE OUR STRATEGIES



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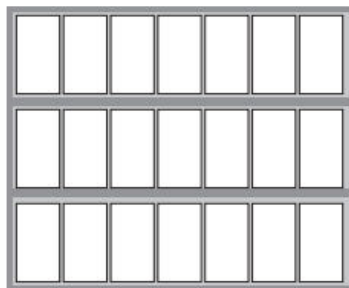
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Work Places

1G Target One Hundred

1H Anything But Five

2A Loops and Groups

2B Frog Jump Multiplication

2C Cover Up

2D Doubles Help

Daily Practice

SB 73 Mr. White's Pencil Survey

Home Connection

HC 39-40 Mr. White's Pencil Survey