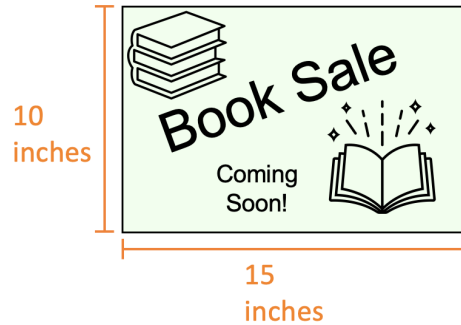


Stretching and Shrinking: Check Up 1 for use after Investigation 1

1. Devin made a rectangular poster about the upcoming book sale on a 10 inch by 15 inch sheet of paper. Others on the book sale committee decide to enlarge it 300% for a bulletin board in the library.



- a. What would be the new dimensions of the poster for the bulletin board? Explain.
- b. How much paper is used in the new poster compared to the original poster? Explain.
- c. The librarian wants to put a ribbon boarder around each poster. How much ribbon does she need? Explain.
- d. The reading teacher wants to shrink Devin's poster. He makes cards that are 2.5 inches by 3.75 inches. What percent should he enter into the copy machine to make the cards?