Jake wants to cover the floor of his book room and closet with carpet squares. Each carpet square is 1 square meter. Here is a diagram of the area he wants to cover with carpet squares:

```
1 carpet square
is 1 square meter

1 meter
1 meter

7 meters
3 meters

BOOK ROOM
21 square meters

CLOSET

? meters
```

Jake says, “The width is missing from the diagram. I only see ‘? Meters’ where the width should be. I will have to lay carpet squares in the closet so I can figure out how many carpet squares I need to cover the floor of the closet and the book room.”

A. Help Jake understand how to determine the missing side length of the closet without laying carpet squares. Write a multiplication or division equation and use it to find the side length of the closet.
B. Determine how many carpet squares Jake will need to cover the floor of the book room. Explain using words and a multiplication equation how you determined the number of carpet squares needed to cover the floor of the book room.