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1. Michelle wants to carpet her bedroom, which is 9 feet wide and 12 feet long. If carpet costs $\$ 7$ a square yard, how much will it cost her to carpet her room? Show how you arrived at your answer.
2. The circle graph below shows how Ali spent her allowance last month.


If Ali's monthly allowance was $\$ 60$, how much of her $\$ 60$ did she spend on computer software? Show all of your work.

