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74. Five people chipped in equal amounts to buy a rostrum for their club. If three more people had contributed, each of the eight people would have paid $3.75 less than the original five people paid.

     a. How much did each of the original five people pay?

     b. What was the cost of the rostrum?

75. The Barkers bought 42 square yards of carpeting and had it installed in their dining room and their family room for a total of $435. The family room took ten square yards more of carpeting than did the dining room, but the cost of the family room carpeting was $7.50 a square yard less than the cost of the dining room carpeting.

     a–b. How many square yards of carpeting were installed in the

        a. dining room?

        b. family room?