Adjust the Quotient

1. Rodney is making a fence for his garden. He needs 276 inches of fencing. Each piece of fencing is 15 inches long. He estimates that he will need about 14 pieces of fencing. Is he right? Why or why not?

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2. Louie is ordering pizza for the fourth-grade students. Each student will have one slice. Each pizza has 8 slices. He needs to feed 296 students. He estimates that he will need 40 pizzas. Is he right? Why or why not?

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3. Mrs. Blanchard needs to buy paint for her art classes. She wants to buy enough paint so that each student has his or her own jar of paint. Paint is sold in sets of 24 jars. There are a total of 192 students in her art classes. She estimates that she will need 10 sets of paint. Is she right? Why or why not?

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4. Ms. Sterling is buying yarn to make necklaces. Each roll has 36 feet of yarn. Ms. Sterling needs enough yarn for 72 students to each make a necklace using 3 feet of yarn. She estimates that she will need 5 rolls of yarn. Is she right? Why or why not?

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