**Pizza Party**

1. For Raul’s birthday, Jessica invited Raul and some of their friends to a fair. They got a picnic table and she ordered 6 large pizzas. Luckily, she had a coupon for $3 off each pizza. If the bill came to $38.94, what was the price for a large pizza?
2. What if Jessica bought small pizzas instead? She decides to buy 7 small pizzas, but she only has four coupons. Each coupon reduces the cost by $2. She bought four small pizzas at the discounted price and paid full price for the other three. If the bill came to $44.50, how much was each small pizza?
3. Raul, Jessica, and their friends enjoyed eating the pizza on a rectangular picnic table. The dimensions of the picnic table are presented in the figure below. The perimeter of the rectangular table is 96 in. Find the length of each side.

 3(*x* + 5)

 2(3*x* + 3)

1. List the lengths of each side: Side 1: \_\_\_\_\_\_\_\_\_ Side 2: \_\_\_\_\_\_\_\_\_

 Side 3: \_\_\_\_\_\_\_\_\_ Side 4: \_\_\_\_\_\_\_\_\_

1. Examine your answers in question a. What is this kind of rectangle called?