

# Addition and Subtraction Situations

NCTM Standards 1, 2, 4, 6, 7, 8, 9, 10

## County Fair!

- 1 The snack bar opened with 35 gallons of lemonade. By noon, 18 gallons had been sold, so 20 more gallons were made. Between noon and 4:00, 24 gallons were sold, so an extra 20 gallons were made. After 4:00, another 26 gallons were sold. How much lemonade was left at the end of the day?



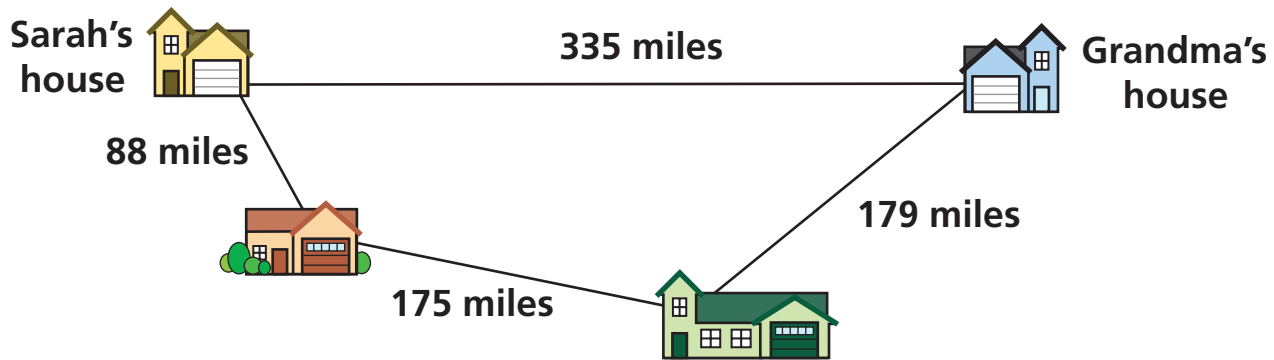
- 2 On Saturday, 479 ride tickets were sold. On Sunday, 298 tickets were sold. How many more tickets were sold on Saturday than on Sunday? If each ticket cost \$2.00, how much more money was collected on Saturday than on Sunday?



- 3 On Saturday, 71 tickets were sold for the Ferris wheel, 58 tickets for the roller coaster, and 83 tickets for the teacups. On Sunday, 68 tickets were sold for the Ferris wheel, 63 tickets for the roller coaster, and 75 tickets for the teacups. Altogether, were more tickets sold on Saturday or on Sunday? How many more?



- 4 Sarah drove 335 miles from her house to her grandma's house. On the way back, she drove 179 miles to her cousin's house, 175 miles to her friend's house, and 88 miles from her friend's house back home. In total, how many more miles did she drive on the way back from her grandma's house than on the way there?



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- 5 Complete the sentence  $586 - 345 + 183 = \underline{\quad}$ .  
Write a story to go with the number sentence.

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- 6 **Challenge** Josie bought a 12-foot by 15-foot piece of carpet for her living room. She needs to cut a 5-foot by 9-foot piece of carpet to make room for the stairs. How many square feet of carpet will she actually use for her living room?

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