

# Equations and Inequalities with All Four Operations

**CA Standard**  
AF 1.0

Write equations or inequalities to solve the problems.

1. Bill went on 4 rides at the amusement park. Juanita went on twice as many rides as Bill did. Henry went on 4 more rides than Bill did. Compare how many rides Juanita went on to how many rides Henry went on.  

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2. Each ride at the amusement park requires tickets. The merry-go-round costs 2 tickets. The Ferris wheel costs 2 times as many tickets. The roller coaster costs 4 more tickets than the merry-go-round. Compare how many tickets needed to ride the Ferris wheel to the number needed to ride the roller coaster.  

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3. The shooting gallery on the midway awarded 40 stuffed animals as prizes one week. The ring toss awarded 30 more stuffed animals than the shooting gallery. The softball throw presented patrons with twice as many stuffed animals than the shooting gallery. Compare the number of stuffed animals given by the ring toss to the number given by the softball throw.  

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4. The concession booth sold 75 cotton candies one night at the amusement park. It also sold 3 times as many cups of lemonade. People bought 70 more bags of popcorn as they did cotton candies. Compare the number of cups of lemonade sold that evening to the number of bags of popcorn sold.  

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5. One night 350 people visited the park's haunted house. Half as many attended the magic show. 100 fewer people attended the fun house as the haunted house. Compare the number who attended the magic show to the number who went into the fun house.  

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6. A total of 650 people came to the amusement park on Thursday night. 456 more admissions were recorded on Friday night. Three times as many patrons went to the park on Saturday night as on Thursday night. Compare the number of paid admissions on Friday night to those on Saturday night.  

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