Name _____

Solve the problems.

1. Find the quotient. Show your work. Then show how you can use multiplication to check your answer.

5,694 ÷ 26

```
      219
26 ) 5,694
     52
     ---
      49
      26
     ---
     234
     234
     ---
       0
```

```
  219
× 26
-----
1,314
4,380
-----
5,694
```

2. Sid says that 912 ÷ 38 is 23. Explain how you know that Sid's answer is incorrect without dividing. Then find the correct solution.

Possible explanation: For Sid to be correct, 23 × 38 would have to equal 912. This is impossible because the ones digit in the product of 23 × 38 is 4 because 3 × 8 = 24.

3. The area of a rectangular parking lot is 6,396 square feet. The width of the parking lot is 52 feet. What is the length of the parking lot?

a. 113 feet

b. 123 feet

c. 128 feet

d. 133 feet

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