

## Logic Puzzles 2

Name: \_\_\_\_\_ Period: \_\_\_\_\_

1. Five people put a gallon of gasoline in their vehicles to see who could go the farthest. Using the clues, including the conversion information below, figure out which vehicle went farthest, who drove it, and what color it was.

- Clue 1: 1 mile (mi.) = 1.6 kilometers (k.)  
 Clue 2: The red motorcycle traveled 12 k. farther than the SUV.  
 Clue 3: One vehicle, not the SUV, went 34.5 miles.  
 Clue 4: The person driving the motorcycle wore a green coat and traveled 48 k.  
 Clue 5: The old woman drove 55.2 k.  
 Clue 6: The referee traveled 19.2 k. fewer than the one in tennis shoes and 4.5 miles fewer than the green station wagon.  
 Clue 7: The one in ski boots traveled 27 miles per gallon in the pickup.  
 Clue 8: The driver of the blue sports car wore gold earrings.  
 Clue 9: The five vehicles traveled a total of 150 miles.  
 Clue 10: The orange vehicle traveled 22.5 miles.

	Station wagon	Motor-cycle	SUV	Pickup	Sports car	k.	mi.
Man in green coat							
Woman with gold earrings							
Teen in ski boots							
Old woman in tennis shoes							
Basketball referee							
Blue							
Black							
Green							
Red							
Orange							
k.							
mi.							

