

16. TWO WEEKS VACATION

Gardner, Plunkett, Maloney, Phelps, and Lopez work for the Littleville fire department. They each get two weeks vacation per year. As it happens, last year they each took their first week in the first five months of the year and their second week in the last five months of the year. Remembering that each man took each of his weeks in a different month, try to determine the months in which each man took his first and second weeks.



1. Mr. Plunkett took his first week before Mr. Gardner who took his before Mr. Phelps; for their second week the order was reversed.
2. The man who vacationed in March also vacationed in September.
3. Mr. Lopez did not take his first week in April or in March.
4. Neither Mr. Lopez nor the man who took his first week in January took his second week in August or December.
5. Mr. Maloney took his second week before Mr. Plunkett but after Mr. Lopez.

	JAN	FEB	MARCH	APRIL	MAY	AUGUST	SEPT	OCT	NOV	DEC
GARDNER	X	X	✓	X	X	X	✓	X	X	X
PLUNKETT	X	✓	X	X	X	X	X	X	X	✓
MALONEY	✓	X	X	X	X	X	X	✓	X	X
PHELPS	X	X	X	✓	X	✓	X	X	X	X
LOPEZ	X	X	X	X	✓	X	X	✓	X	X
AUGUST	X	X	X	✓	X					
SEPT	X	X	✓	X	X					
OCT	X	X	X	X	✓					
NOV	✓	X	X	X	X					
DEC	X	✓	X	X	X					

