

Math Forum - Problem of the Week

3247: Eating Grapes



On Monday Angela ate some grapes. On Tuesday she was hungrier and ate six more grapes than she ate on Monday. Each day that week she ate six more grapes than the day before. After she had eaten her grapes on Friday she had eaten 100 grapes in all.

How many grapes did she eat on Monday?

Extra: If she continues this pattern, on each day eating six more grapes than the day before, on which day would she eat her 300th grape?