Reading Minutes Task

Sally spends some time reading every night. Her sister, Jill, always reads 10 more minutes than Sally.

1. Write an algebraic expression to represent the amount of time Jill reads at night. Let *m* represent the number of minutes Sally reads.
2. The following chart shows how many minutes Sally and Jill read last week. Fill in the missing numbers.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| Sally | 30 | 20 |  |  | 15 |  |
| Jill |  |  | 50 | 40 |  | 35 |

1. If Sally reads 20 minutes per day for one week, how many minutes did she read? How many minutes did Jill read in the same week?
2. A. Write an algebraic expression to show how many minutes Sally read in the month of September, assuming she read every day.

B. If Sally read 15 minutes on half of the days in September, and 25 minutes on the other half, how many minutes did she read in September?

1. A. Write an algebraic expression to show how many minutes Jill read in the month of September, assuming that she read every day.

B. Using the information from problem 4B, calculate the number of minutes Jill read in September.

Extension

Sally can read about 3 pages every 5 minutes. How many pages did she read in September?

Jill can read about 4 pages every 5 minutes. How many pages did she read in September?