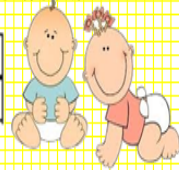## Problem 1: Solve the story problem.

Nora babysits every day after school and gets paid on Friday. What is the rule for the pattern and how much money will she earn for the week?

Day	Mon.	Tues.	Wed.	Thurs.	Fri.
Earnings	$12	$24	$36	$48	☐

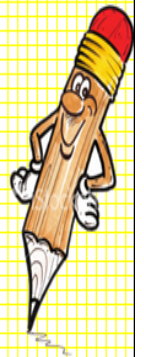Rule:_____ $____ for the week

add $12   **60**

Problem 2: Extend the pattern by four terms.

Rule: add 6

Pattern: 4, ____, ____, ____, ____

A. 13, 19, 25, 31   C. 10, 18, 26, 32

B. 12, 18, 24, 30   D. 10, 16, 22, 28

Problem 3: Solve the story problem. Underline the correct answer.

A plane flies between two cities every day. On the first day there are 53 passengers. On the second day there are 59 passengers. On the third day there are 65 passengers. If this pattern continues, how many passengers will there be on the fifth day?

A. 65 passengers   C. 77 passengers

B. 71 passengers   D. 83 passengers

Problem 4: What equation describes each pattern? Use the equation to find the next three output numbers.

Input (y)	3	11	19	27	35	43
Output (z)	10	18	26	☐	☐	☐

A. $y + 7 = z$, 36, 44, 52   C. $y + 7 = z$, 34, 42, 50

B. $y + 7 = z$, 44, 52, 60   D. $y - 7 = z$, 34, 42, 50