Arithmetic Series | Word Problems

1) Yvonne took 5 days to complete a holiday assignment. She wrote 7 pages on the first day, 11 pages on the second day, 15 pages on the third day and so on. How many pages did the assignment contain?

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2) Karen baked 375 cupcakes and arranged them on a six-tier stand for a swim team banquet. She arranged 25 cupcakes on the top tier and gradually increased the number of cupcakes in each tier. How many of them can you find in the bottommost tier?

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3) Grade 10 students of Penndale gathered for a group photograph. They were ushered in 4 rows. The first row had 23 students. Each subsequent row had 4 fewer students than the row in front of it. How many students in all posed for the photo?

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4) Sam joins as an intern to gain experience and college credits. He is paid a wage of $1250 in June. His salary increases by $50 every month. How much money will Sam have earned in 6 months' time?

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5) Jake stacked up 176 pipes. There are 31 pipes in the bottom row. Each preceding row contained 3 pipes lesser than the row above it. Determine the total number of rows in which the pipes were stacked.

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