

Arithmetic Sequence | Word Problems

- 1) A concert hall has 12 seats in the first row, 14 seats in the second row, 16 seats in the third row, and so on in an arithmetic sequence. How many seats are there in the 6th row?

- 2) Melanie is planning to buy a gift for her mom. If she saves \$35 in the first week, \$38 in the second week, \$41 in the third week, and so on in an arithmetic sequence, how much money will Melanie save in the 8th week?

- 3) Jeremy resumes his exercise after a long break. He jogged for 10 minutes during the 1st week, 22 minutes in the 2nd week, 34 minutes in the 3rd week and so on in an arithmetic sequence. How much time did Jeremy take for his jogs during 4th week, 5th week and 6th week?

- 4) There are many shelves in Kenny's warehouse. He neatly arranged 116 boxes on the first shelf, 130 boxes on the second shelf, 144 boxes on the third shelf, and so on in an arithmetic sequence. How many boxes did Kenny arrange on the sixth shelf?

- 5) The meter in an airport shuttle shows \$8 for the first mile of the ride. The meter goes on to display \$12.50 for 2 miles, \$17 for 3 miles, and so on in an arithmetic sequence. What will be the amounts on display for each of the following distances: 4 miles, 5 miles, and 6 miles?
