

## Pumpkin Picking

Allie was picking pumpkins for her school. She picked one pumpkin on the first day. She picked two pumpkins on each of the next two days. Allie picked three pumpkins for three days. Next she picked four pumpkins a day for four days and so on.



- If Allie continues this pumpkin picking schedule, on what day will she first pick 6 pumpkins?
- How many pumpkins will she have picked altogether for her school when she completes that first 6th day?

# Answer

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Day	Pumpkins picked	Total pumpkins
1	1	1
2	2	3
3	2	5
4	3	8
5	3	11
6	3	14
7	4	18
8	4	22
9	4	26
10	4	30
11	5	35
12	5	40
13	5	45
14	5	50
15	5	55
16	6	61

### ANSWER:

- **As the table shows, Allie will first pick 6 pumpkins on the 16th day.**
- **By finding the total pumpkins for each day, you find that Allie will have picked a total of 61 pumpkins when she completes the first of the 6-pumpkin days.**