

Bookmarks

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 Each day she will make 5 fewer bookmarks than the previous day.
 She plans to complete making the bookmarks in 7 days.
 How many bookmarks does Sheela plan to make on the first day?

From Problem Solving Beyond the Classroom: Primary 6 by Bernice Lau Pui Wah, published in 2013 by Marshall Cavendish International (Singapore) Private Limited.

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day 1						
day 2						5
day 3					5	5
day 4				5	5	5
day 5			5	5	5	5
day 6		5	5	5	5	5
day 7		5	5	5	5	5

First draw a bar for each of the 7 days. Show the pattern of 5 fewer bookmarks per day. Ensure the day bars are of equal length.

Count the number of small bars worth 5. There are 21 in total, so multiply 5 by 21 to make 105 fewer books. Add this total to 245 and divide by 7.

Sheela makes 50 bookmarks on the first day.

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