

## Algebra

Complete the table.

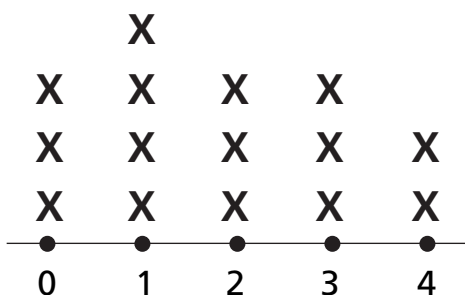
<b>1</b>	$x$	<b>4</b>	<b>7</b>	<b>12</b>	<b>17</b>	<b>32</b>	<b>50</b>
	$x^2$	16	49	144	289	1,024	2,500
	$x + 1$						
	$x - 1$	3	6	11	16	31	49
	$(x + 1)(x - 1)$						

<b>2</b>	$x$	<b>8</b>	<b>14</b>	<b>21</b>	<b>27</b>	<b>32</b>	<b>41</b>
	$x^2$						
	$x + 2$						
	$x - 2$						
	$(x + 2)(x - 2)$						

## Data Analysis and Probability

For 3–5, use the graph. It shows students' responses to a survey question.

**HOW MANY MOVIES DID YOU SEE LAST MONTH?**



- 3** What was the mode of the data? \_\_\_\_\_
- 4** What was the range of the data? \_\_\_\_\_
- 5** What was the median number of movies seen? \_\_\_\_\_