Bear Spotting
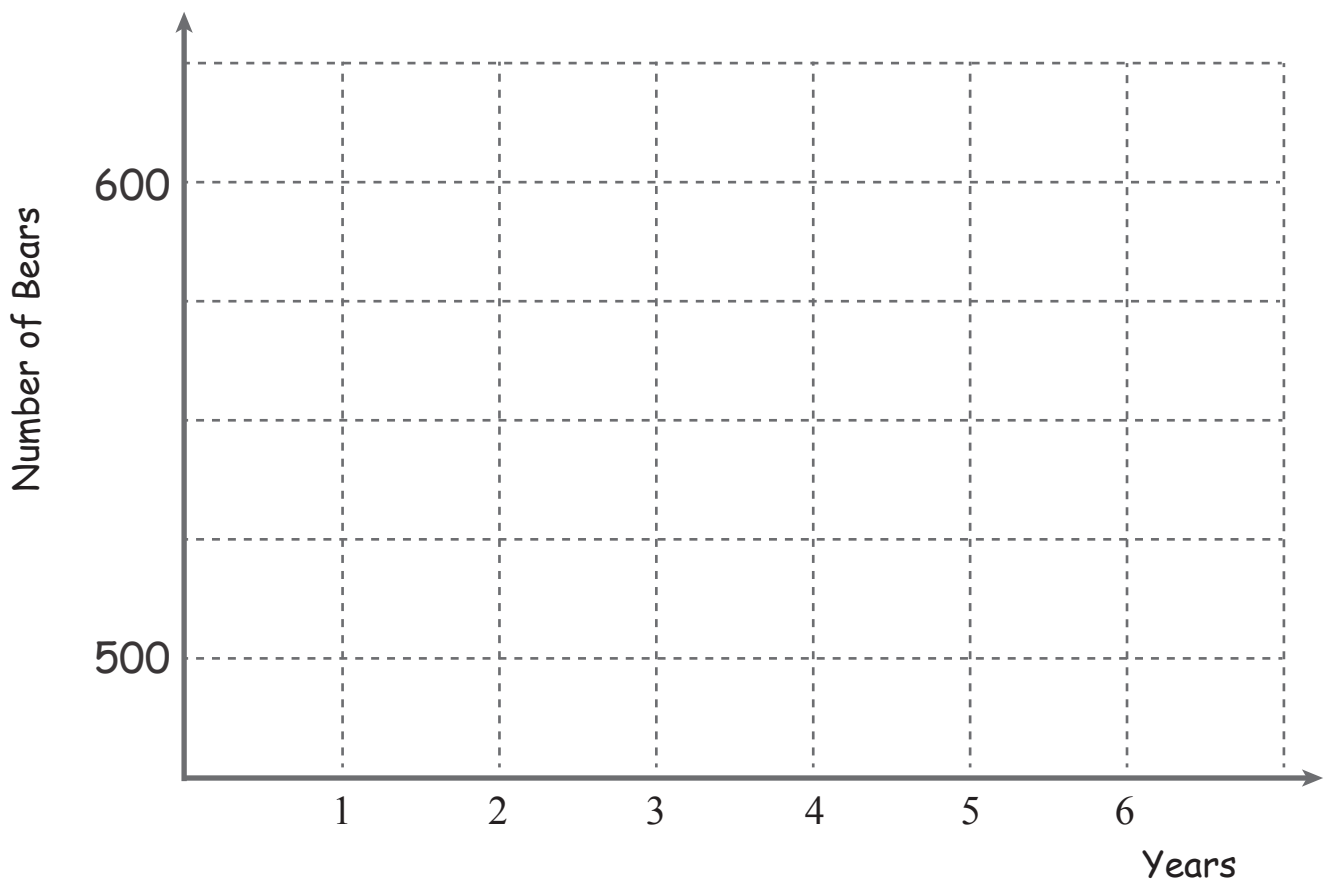
A group of researchers used camera traps to count bears in a National park during a period of 6 years. Use the following clues and statements and complete the line graph.

- 500 bears were counted in the first year

- 10% more bears were counted in the second year than in the first year

- The ratio of counted bears in year 1 to that in year 3 was 5 to 6

- The ratio of bears counted in year 2 and year 4 was 1 : 1

- 23 times 25 bears were counted in the fifth year

- The ratio of counted male bears to female bears in year 6 was 1 : 1. 275 male bears were counted in the sixth year.

Number of Bears

600

500

1   2   3   4   5   6

Years

Answers

A group of researchers used camera traps to count bears in a National park during a period of 6 years. Use the following clues and statements and complete the line graph.

- 500 bears were counted in the first year

- 10% more bears were counted in the second year than in the first year

- The ratio of counted bears in year 1 to that in year 3 was 5 to 6

- The ratio of bears counted in year 2 and year 4 was 1 : 1

- 23 times 25 bears were counted in the fifth year

- The ratio of counted male bears to female bears in year 6 was 1 : 1. 275 male bears were counted in the sixth year.