

- 30** Light of a single frequency is incident on a diffraction grating. Seven bright spots are observed on a screen.

Which change will result in an increase in the number of bright spots observed?

- A** Increase the distance between the grating and the screen.
- B** Increase the frequency of the incident light.
- C** Increase the intensity of the incident light.
- D** Increase the number of lines per metre in the grating.