

**12** Which statement best describes a couple?

- A** a pair of forces of equal magnitude acting in opposite directions which produce rotational motion but not translational motion
- B** a pair of forces of equal magnitude acting in opposite directions which produce translational motion but not rotational motion
- C** a pair of forces of equal magnitude acting in the same direction which produce rotational motion but not translational motion
- D** a pair of forces of equal magnitude acting in the same direction which produce translational motion but not rotational motion