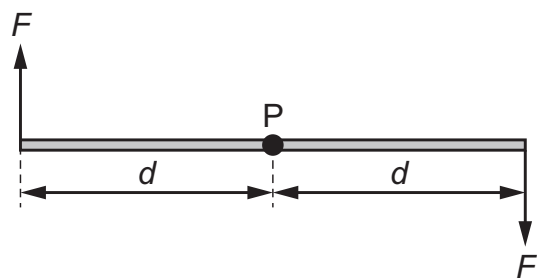


14 Two forces, each of magnitude F , act in opposite directions on a rod.



Each force acts on the rod at a distance d from the pivot P.

What is the torque of this couple about P?

- A 0
- B $F \times d$
- C $2F \times d$
- D $2F \times 2d$

13 Which row describes a pair of forces that forms a couple?

	direction of the forces	magnitude of the forces
A	opposite	different
B	opposite	equal
C	same	different
D	same	equal

10 Which statement about a couple is correct?

- A It acts to produce both translational motion and rotation.
- B It acts to produce rotation only.
- C It acts to produce translational motion only.
- D It acts to produce neither rotation nor translational motion.