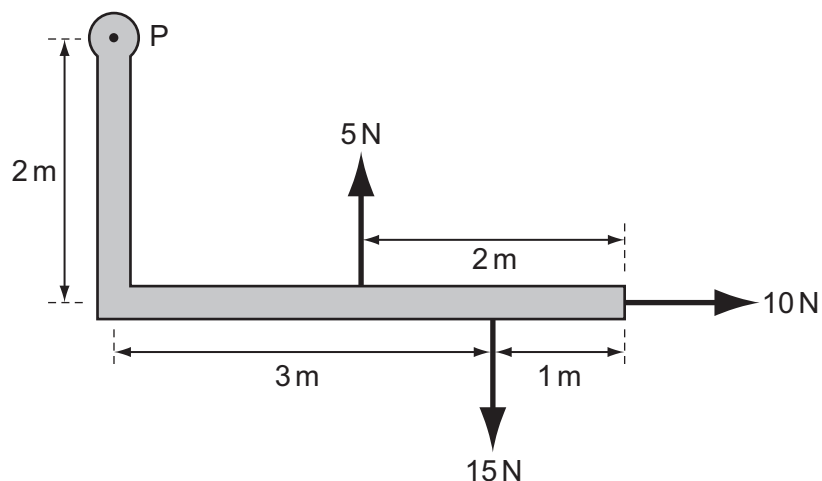


- 14 A rigid L-shaped lever arm is pivoted at point P.

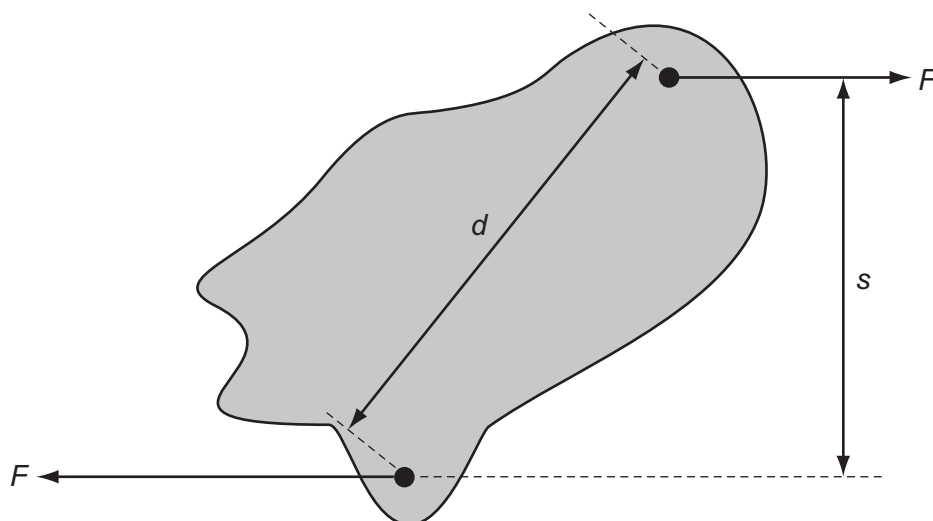


Three forces act on the lever arm, as shown in the diagram.

What is the magnitude of the resultant moment of these forces about point P?

- A** 15 Nm **B** 20 Nm **C** 35 Nm **D** 75 Nm

- 15 Two parallel forces, each of magnitude F , act on a body as shown.



What is the magnitude of the torque on the body produced by these forces?

- A** Fd **B** Fs **C** $2Fd$ **D** $2Fs$

Space for working