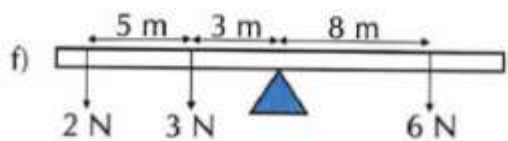
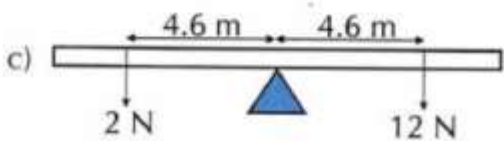
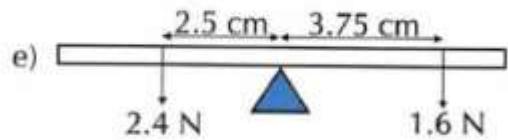
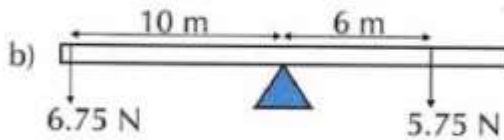
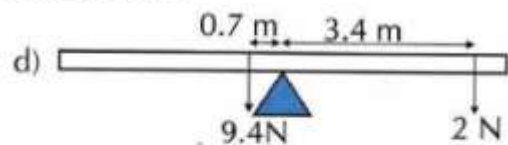
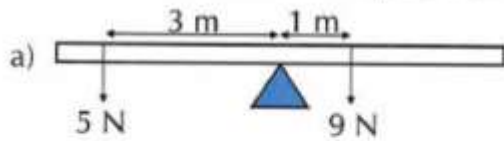


Find the total clockwise and anticlockwise moments for these seesaws. Which side will tip down — the LEFT or the RIGHT?



A 1 kg frog is sitting on a seesaw.

- What is the force on the seesaw, 2 m right of the pivot, due to the frog's mass?
- What is the moment about the pivot due to this mass? Is this clockwise or anticlockwise?
- A cat has a mass of 2 kg. What happens if he sits on the other side of the seesaw, 2 m from the pivot?
- Where does the cat need to sit so that the seesaw is balanced?