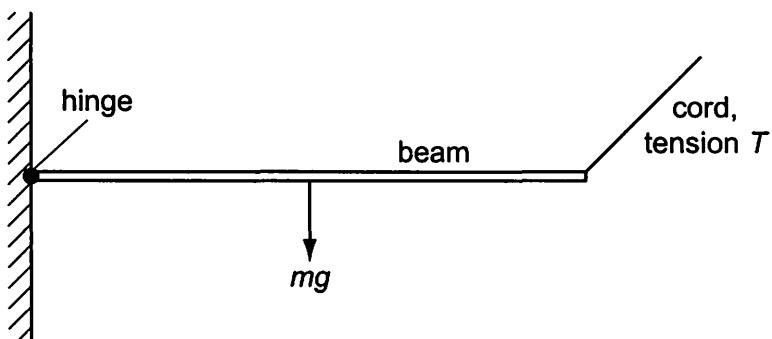


- 12 A horizontal beam of weight  $mg$  is attached to a hinge at one end. At the other end it is supported in equilibrium by a cord which is under tension  $T$ . The hinge experiences a reaction force  $R$ .



Which triangle of forces could correctly represent the three forces acting on the beam?

