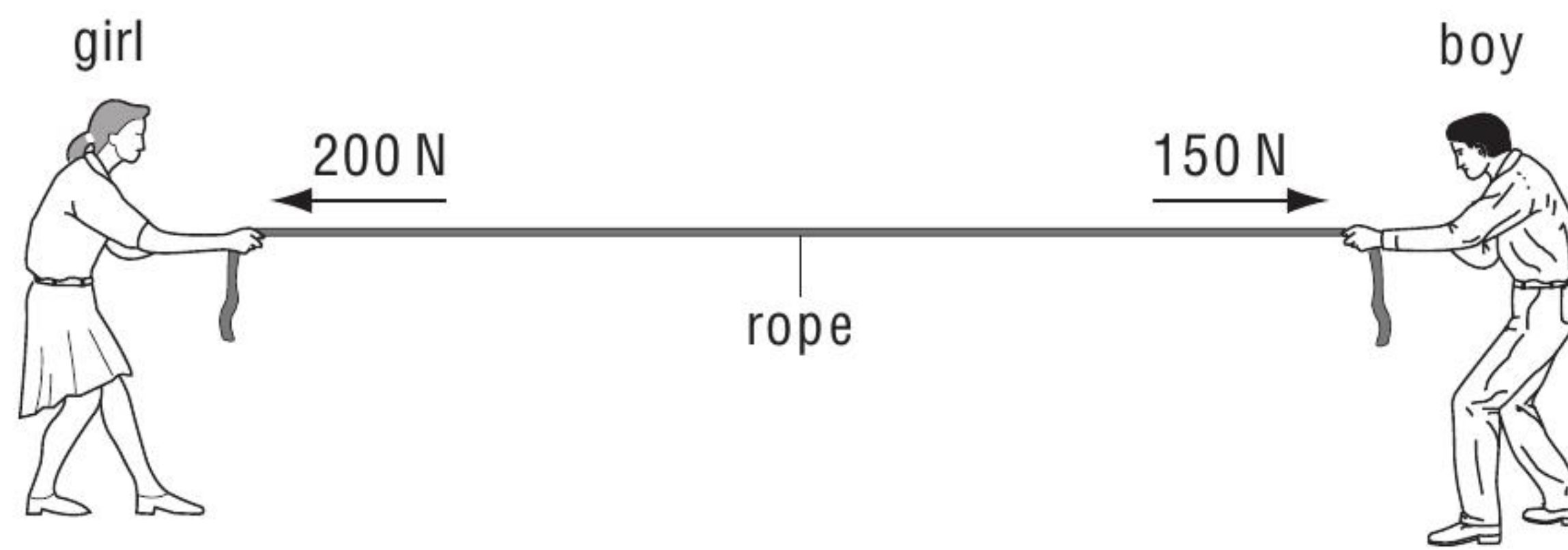
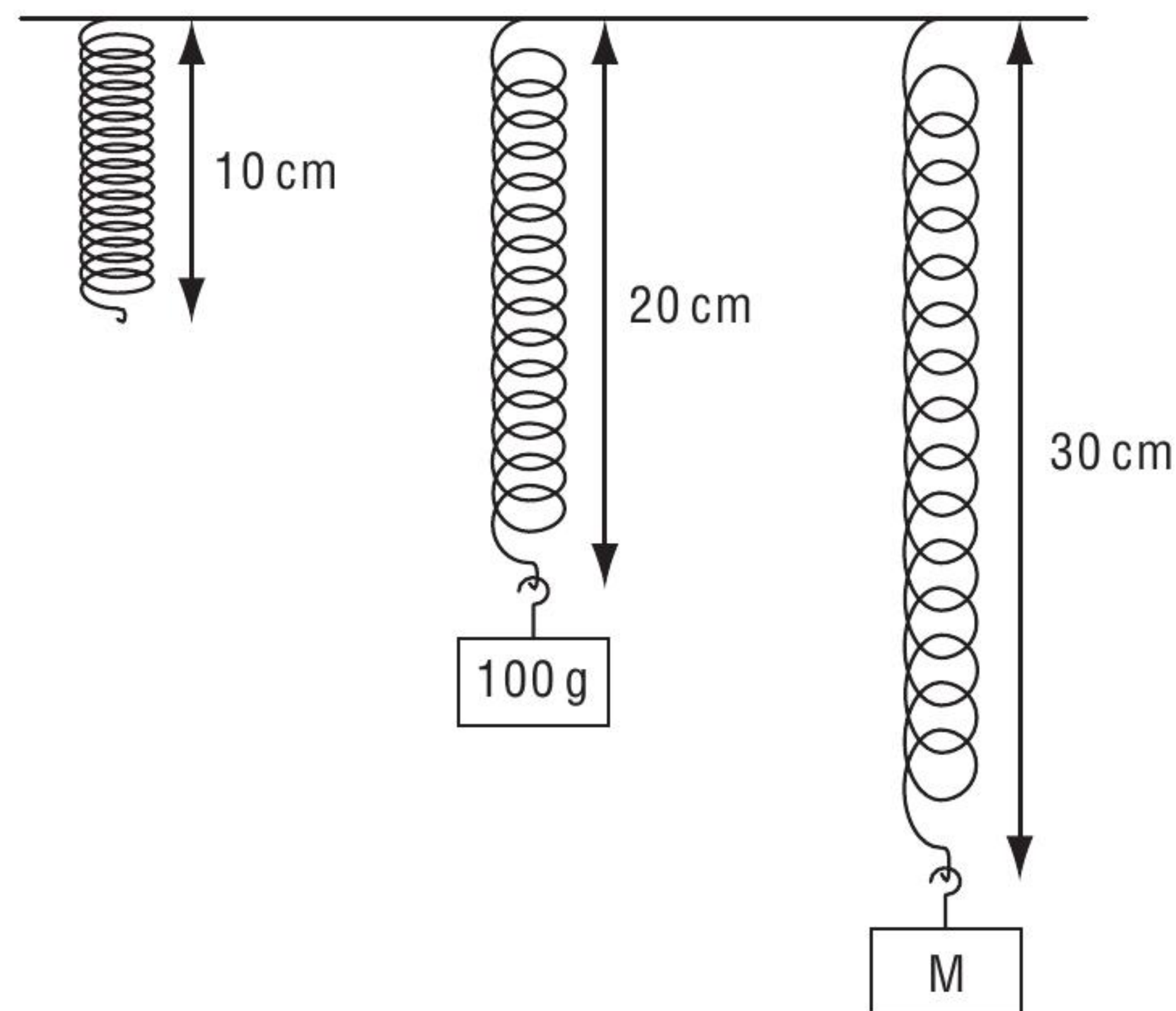


13. A girl and a boy are pulling in opposite directions on a rope. The forces acting on the rope are shown in the diagram.



Which single force has the same effect as the two forces shown?

- A 50 N acting towards the girl
 - B 350 N acting towards the girl
 - C 50 N acting towards the boy
 - D 350 N acting towards the boy
14. Objects with different masses are hung on a 10 cm spring. The diagram shows how much the spring stretches.



The extension of the spring is directly proportional to the mass hung on it.

What is the mass of object M?

- A 110 g
- B 150 g
- C 200 g
- D 300 g