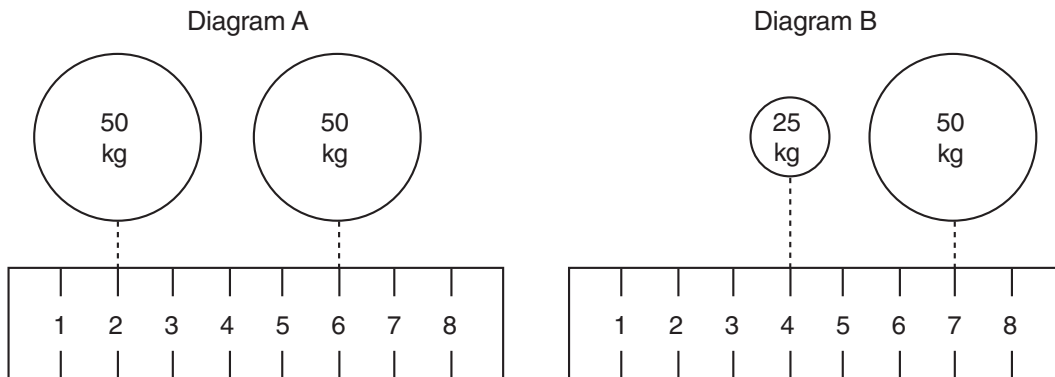


Checkout Questions

Lab 6. Strength of Gravitational Force

How Does the Gravitational Force That Exists Between Two Objects Relate to Their Masses and the Distance Between Them?

1. The diagrams below show two objects and the distance between them.

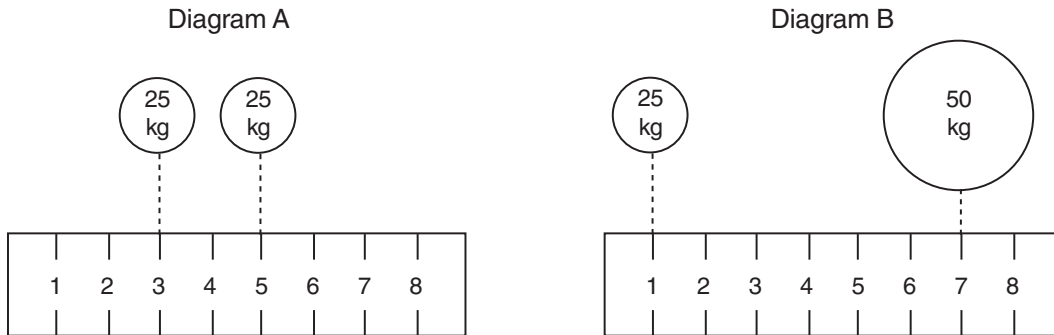


Which two objects have the greater gravitational attraction between them?

- The objects in diagram A
- The objects in diagram B
- The gravitational attraction between the objects is the same in diagrams A and B
- Unsure

How do you know?

2. The diagrams below show two objects and the distance between them.



Which two objects have the greater gravitational attraction between them?

- a. The objects in diagram A
- b. The objects in diagram B
- c. The gravitational attraction between the objects is the same in diagrams A and B.
- d. Unsure

How do you know?

3. Once a scientist or a team of scientists develop a scientific law, it will never change.

- a. I agree with this statement.
- b. I disagree with this statement.

Explain your answer, using an example from your investigation about gravitational force.

