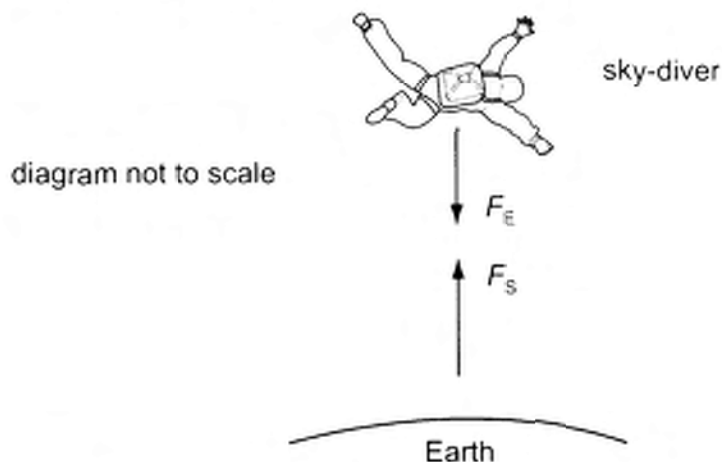


- 5 A sky-diver jumps from an aircraft. The Earth exerts a downward force F_E on the sky-diver who also exerts an upward force F_S on the Earth.



Which statement is correct?

- A the magnitude of $F_E >$ the magnitude of F_S
- B the magnitude of $F_E <$ the magnitude of F_S
- C the magnitude of $F_E =$ the magnitude of F_S and they cancel each other out
- D the magnitude of $F_E =$ the magnitude of F_S and they do not cancel each other out