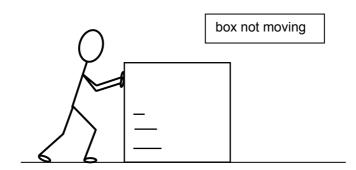
A large box is sitting on a level floor. Sam exerts a force forwards on the box but it does not move.



Think about the force exerted **by the box on Sam** while he is pushing. Which of the following statements is correct?

Tick ONE box (✓)

While Sam is pushing, he exerts a force on the box. The box does not exert a force on Sam.
While Sam is pushing, he exerts a force on the box. The box also exerts a force on Sam in the opposite, ie. (←), direction. The force exerted on Sam by the box is smaller .
While Sam is pushing, he exerts a force on the box. The box also exerts a force on Sam in the opposite, ie. (← →), direction. The two forces are the same size .
While Sam is pushing, he exerts a force on the box. The box also exerts a force on Sam in the opposite, ie. (←), direction. The force exerted on Sam by the box is bigger .