

7 A person is pushing a trolley at a constant velocity.

The floor exerts a force  $P$  on the person, the person exerts a force  $Q$  on the trolley.

The trolley exerts a force  $R$  on the person and the total drag force on the trolley is  $S$ .



(Source: Andy Dossett/Alamy Stock Photo)

Which pair of forces is a Newton's Third Law pair?

- ☐ A  $P$  and  $R$
- ☐ B  $Q$  and  $R$
- ☐ C  $Q$  and  $S$
- ☐ D  $P$  and  $S$

(Total for Question 7 = 1 mark)