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## Friction

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• Friction is a force between two surfaces that impedes motion and causes heating.

Air resistance is a form of friction.

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6 A car moves along a level road.

The diagram shows all of the horizontal forces acting on the car.



Which statement is correct?

0625/13/M/J/13

- **A** The car is slowing down.
- **B** The car is speeding up.
- C The car is moving at a constant speed.
- **D** The car is moving backwards.