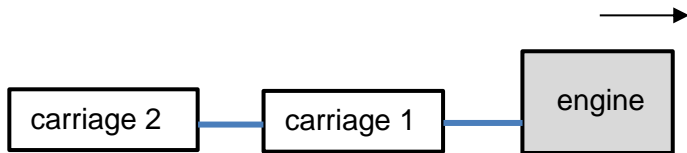


- 3 An engine pulls and accelerates two identical carriages to the right as shown below.



If the tension in the towbar between the engine and carriage 1 is  $T$ , what is the tension between carriages 1 and 2? Ignore drag and resistive forces.

**A**  $T$

**B**  $\frac{T}{2}$

**C**  $2T$

**D**  $\frac{T}{3}$