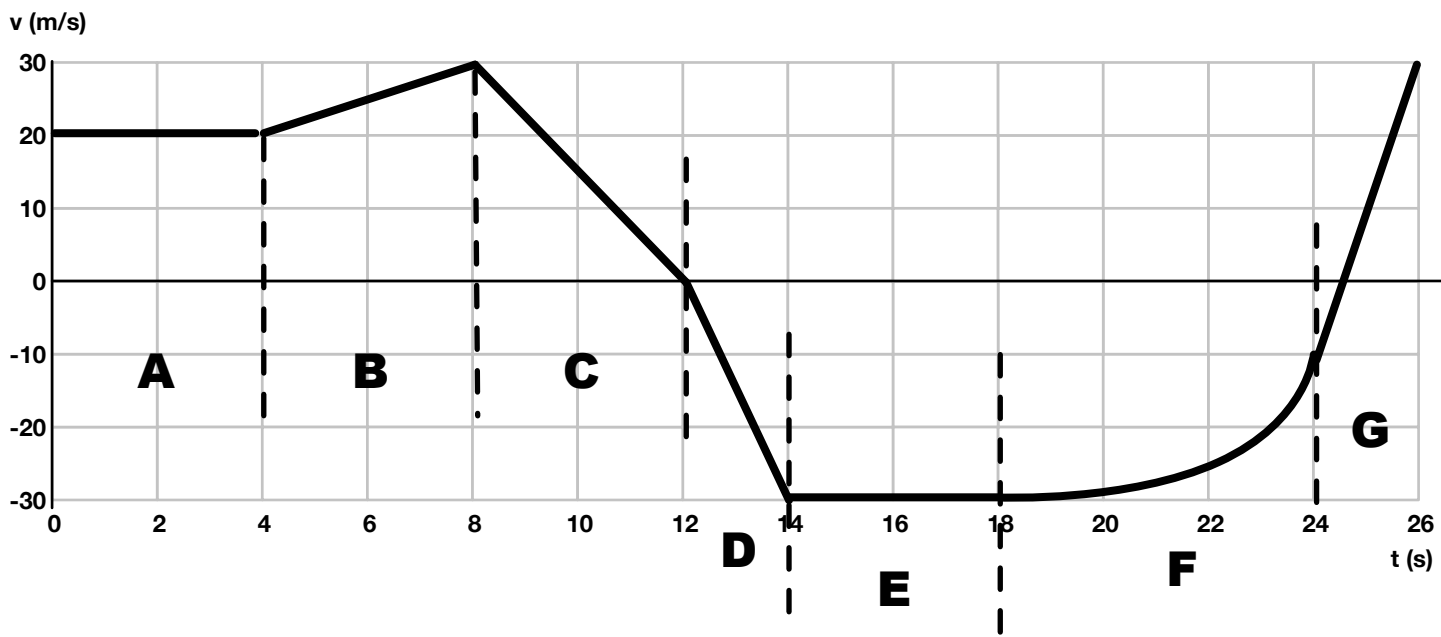


Cycle 15 Motion Graphs & Kinematics

Big Graphs



- Regions of + velocity:
- Regions of - velocity:
- Regions of + accel:
- Regions of - accel:
- Regions of 0 accel:
- Region of non-const. accel:
- Region that includes a turn-around:
- Region of greatest magnitude of accel:

Calculate the accelerations of regions A, B, C, and D.

Calculate the total change in position from $t = 0$ to $t = 18$ s.