1. An object moves as shown on the graph.

 Sketch the graph of velocity vs time.

 2

 4

 6

 8

 10

 -20

 -15

 -10

 -5

0

5

 10

 15

 20

t (s)

Displacement (m)

 2

 4

 6

 8

 10

 -20

 -15

 -10

 -5

0

5

 10

 15

 20

t (s)

Velocity (m/s)