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)