

Displacement = area under a v-t graph

s = area 1 + area 2 + area 3 + area 4

Displacement = 420m

Speed/ ms-1

Time/s

10

20

30

40

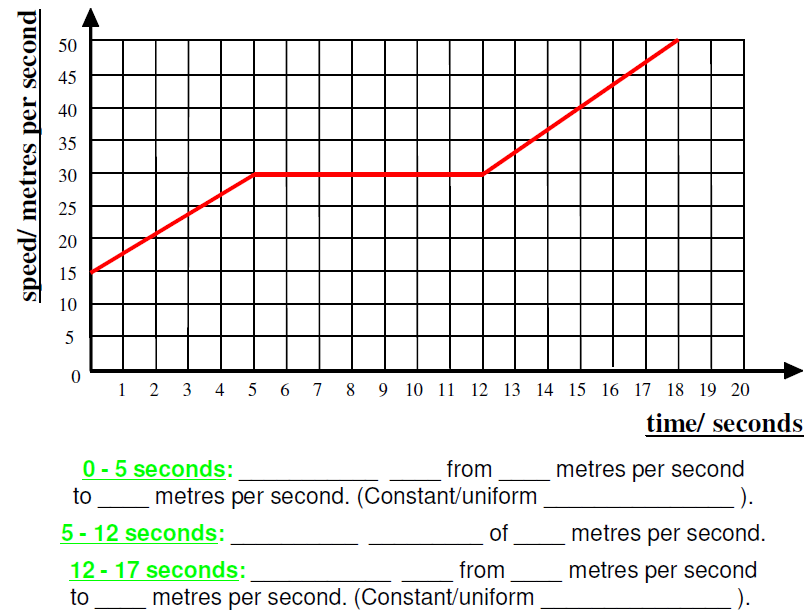
50

8

6

4

2



Displacement = area under a v-t graph

s = area 1 + area 2 + area 3 + area 4

Displacement = 560m

Displacement = area under a v-t graph

s = area 1 + area 2 + area 3

Displacement = 110m

#### B

#### C

#### D

Speed/ m/s

Time/s

10

20

30

40

50

40

30

20

10

#### A

Displacement = area under a v-t graph

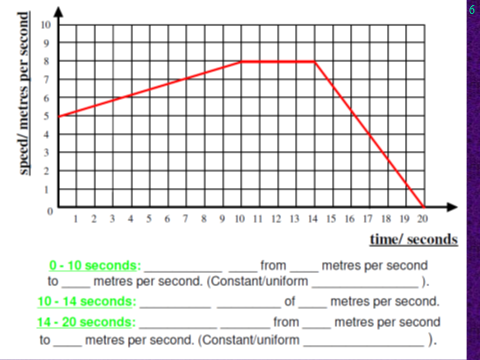
s = area 1 + area 2 + area 3

Displacement = 420m

Displacement = area under a v-t graph

s = area 1 + area 2 + area 3

Displacement = 1400m



Displacement = area under a v-t graph

s = area 1 + area 2 + area 3 + area 4

Displacement = 121m