

$$A_1 = \frac{1}{2}(35+10)18$$
  $A_2 = \frac{1}{2}(20+50)(24)$   $A_3 = \frac{1}{2}(25+15)10$   $A_4 = \frac{1}{2}(50+35)10$   
 $A_1 = 405 \text{ m}$   $A_2 = 840 \text{ m}$   $A_3 = 200 \text{ m}$   $A_4 = 425 \text{ m}$ 

In the above graph, the positive direction is east. Each block represents 2 m/s on the

0

vertical axis and 5 s on the horizontal axis.

7. 
$$4d = 405m - 840m + 200m + 425m = 190m$$

8.  $d = 405m + 840m + 200m + 425m = 1870m$ 
 $a = \frac{12-20}{25-125} = 0.080m 18^2$ 

9. 
$$\sqrt{4} = \frac{195m}{1505} - \frac{1.27m}{1505}$$
10.  $\sqrt{4} = \frac{195m}{1505} - \frac{12.5m}{505}$ 
12.  $\sqrt{4} = \frac{-840m}{505} = -16.8 \frac{m}{5}$