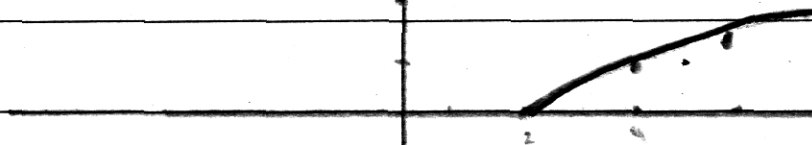




a) i)



ii)

b) $A = \$108\,750$

~~$n = 10$~~

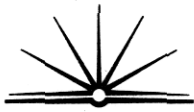
~~$d = 4.5$~~
 ~~$d = 4.5$~~

~~$d = 4.5$~~
 ~~$d = 4.5$~~
 ~~$d = 30$~~

~~$10 - 20 = 30$~~

30 bears

17A



c) i) $v = 10t$

ii) $5t^2 = 125\text{m}$ car

$2t^2 = 50$ Jet

Jet is 75 metres behind car

iii) ~~$2t^3 =$~~

8 seconds.