

a); A, = 1000 (1.06) - 72

A2 - (A,) (1-06)

in at beginning of 2nd year.

D. = 1000 (1.06) -72

= 988

: balma = 4988.00

ii



Q10

$$0 = 1000(1.06)^{2} - 90[(1.06)^{2} - 1]$$

$$\frac{2}{3}(1.06)^2 = (1.06)^2 - 1$$

$$\frac{1}{3}(1.06)^{2} = -1$$

b)i

Time to bus = 15+ + 250+cn 0



 15 =	2000	+	250	ten	0
	_			-	

+

: + = 2000 + 210 ten 0

15

Time for claire: 5= d

4= 31

+

where x = 250

C050

·, A = (S10)

+= (250°

1

:. + = 250

4 0050

+= 125

2000