* 1. (F/P, 10%, 20) = 6.728
  2. (A/F, 4%, 8) = .1085
  3. (P/A,8%,20) = 9.818
  4. (A / P,20%,28) = .2012
  5. (F/A,30%,15) = 167.286

1. F = $20M

i = 0.15

P = F(P/F,15%,2) = $20M(0.7561) = $15.122M

1. P = $95M

n = 3

i = 12%

F = P(F/P,12%, 3) = $95M(1.405) = $133.475M

1. P = $175,000

i = 10%

n = 6

F = P(F/P, 10%, 6) = $175,000(1.772) = $310,100

1. I = 10%

A(year 1-5) = $8M

P = A(P/A, 10%, 5) = $8M(3.791) = $30.328M

1. P = $10M

I = 10%

n = 10

F = P(F/P, 10%, 10) = $25.94M

A = F(A/F,10%, 10) = $1.63M

1. N = 5

Want: $290,000

$100,000 year 2

$75,000 year 3

Year 4 = ?

I = 9%

F1 = P1(F/P, 9%, 3) = $129,502.90

F2 = P2(F/P, 9%, 2) = $89,107.50

F3 = P3(F/P, 9%, 1) = $290,000 – ($129,502.90 + $89,107.50) = 71389.60

P3 = F3(P/F, 9%, 1) = $65,495.05

1. A = $100,000 +$125,000 = $225,000

I = %15

N = 3

P = A(P/A,15%,3) = $513,725.65

1. $100,000 year 1

$110,000 year 2

+$10,000 a year after that for five years

N = 5

G = $10,000

P = G(P/G,i%,n)

Pg = $68,618.02

P = A(P/A, 10%, 5) + G(P/G, 10%, 5) = $100,000(3.791) + $10,000(6.862) = $379,100 + $68,620 = $447,720

1. Thirty Three

P = $475,000

A = $25,000

G = ?

N = 8

I = 10%

P = A(P/A, 10%, 8) + G(P/G, 10%, 8)

$475,000 = $25,000(5.335) + G(16.029)

G = $341,625/16.029 = $21,312.93

1. A = $15,000/person / year

G = 10,000,000 people / year

N = 5

I = 8%

P = $2.45M

(1-(1.15)/(1.08)^5)/(.08-.15) = $7.90B

1. N = 10

F = $80,000

I = 10%

g = -8%

A1 = ?

P = F(P/F, 2%, 10) = $80,000(0.8203) = $65,624 ??