Bài 1:

V3=(

Bài 3: tìm F2

V0(F1)= => V0 với F1=10tr

Bài 5: r=10%

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | 4 | Total |
| Costs | 1000 | 0 | 0 | 0 | 0 |  |
| Benefits | 0 | 500 | 500 | 500 | 500 |  |
| Discounted Cost | 1000 |  |  |  |  | 1000 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | 4 | Total |
| Costs | 1000 | 0 | 0 | 0 | 0 |  |
| Benefits | 0 | 800 | 800 | 200 | 200 |  |
| Discounted Cost | 1000 |  |  |  |  | 1000 |

Dự án A:

NPV = -1000+500/1,1+500/1,1^2+500/1,1^3+500/1,1^4=584,93

ROI = 585/1000=58,5%

\*\*\*NPV = (500-1000)/1,1+500/1,1^2+500/1,1^3+500/1,1^4=67,53

\*\*\*ROI = 676/1000=67,6%

Dự án B:

NPV = 1000+800/1,1+800/1,1^2+200/1,1^3+200/1,1^4=675.3

ROI = 675/1000=67,5%

\*\*\*NPV = (800-1000)/1,1+800/1,1^2+200/1,1^3+200/1,1^4=766

\*\*\*ROI = 766/1000=76,6%

Bài 6:

NPV:

+ Dự án A: (0-500)+250/1,1+250/1,1^2+450/1,1^3+500/1,1^4+(-100)/1,1^5=551

+ Dự án B: (0-100)+(-100)/1,1+150/1,1^2+200/1,1^3+200/1,1^4+300/1,1^5=406