The Arithmetic of Life and Death

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- Decisionmaking
- Why you must produce
- Teamwork
- Smoking
- Investment
- Easter Island
- After Math - why more things go wrong than right

Decisionmaking 1/2

	School # 1	School # 2	School # 3	School # 4	School # 5
University Reputation	5	4	3	2	1
Department Curriculum	4	5	3	1	2
Employment Opportunities	3	4	5	2	1
Tuition Cost	1	2	3	4	5
Cost of Living	2	3	1	4	5
Postgrad Research	3	4	5	2	1
Quality of Life	5	1	2	4	3
Closeness to Home	3	2	1	5	4
Student Living Facilities	3	4	2	5	1
Total	**29**	**29**	**25**	**29**	**23**

Decisionmaking 2/2

	School # 1	School # 2	School # 3	School # 4	School # 5
Triple Weighted					
University Reputation	15	12		6	
Department Curriculum	12	15		3	
Employment Opportunities	9	12		6	
Double Weighted					
Tuition Cost	2	4		8	
Cost of Living	4	6		8	
Postgrad Research	6	8		4	
Single Weighted					
Quality of Life	5	1		4	
Closeness to Home	3	2		5	
Student Living Facilities	3	4		5	
Total	**59**	**64**		**49**	

Why you must produce 1/2

How much to produce for net income of $10,000

net income	$10,000/year
taxes	$2,500
costs	$7,500
profit	$3,000
Total	**$23,000/year**
	or ($12/hour)

A 10 employees Company must produce $230,000

Why you must produce 2/2

If 2 employees underperform (50%)

$230,000 - $23,000= $207,000
$207,000/8 = $25,875
$25,875 – $23,000 = $2,875 more

240 hours more per year, OR
20 hours more per month, OR
5 hours more per week, OR
half of every
Saturday

Teamwork

Boeing

It will take 250 years for one person to manufacture one Boeing 777

Cafe

4 tables

Open 8 hours

2 hours per average meal

16 tables per day

=30 minutes per table

Smoking

A pack a day

1day - $1

1 year - $350

50 years -17,500

+ % - $175,000

50 years -175,000

1 year - $3,500

1 day - $10.00

Investment

Main factors

- when start
- rate of return
- how much

Invest young

start at 25 - $2,000 at 7% - $419,000 at 65

start at 45 - $6,000 at 7% - $263,000 at 65

Easter Island

Easter Island

Area - 64 sq. mile
Population (optimal) - 7,000 (110 man/sq. mile)
Population (max) - 10,000 (156 man/sq. mile)

Globe

Landmass - 52,433,000 sq. mile
Population (current) - 6,500,000,000 (124 man/sq. mile)
Population (2021) ~ 8,179,548,000.00 (156 man/sq. mile)

Armenia

Area - 11,583 sq. mile
Population (current?) - 2,000,000 (173 man/sq. mile)
Population (current?) - 2,500,000 (216 man/sq. mile)
Population (current?) - 3,000,000 (260 man/sq. mile)

After Math - why more things go wrong than right?

Intelligence is not just a gift; it is a choice you make.