

Transparency 1.2D Problem Summary

Frogs, Fleas, and Painted Cubes

Table for a
Linear Relationship

Thickness (layers)	Breaking Weight (pennies)
0	0
1	8.4
2	16.8
3	25.2
4	33.6
5	42.06
6	50.4
7	58.8

Table for an
Exponential Relationship

Square Number	Plan 1
1	1
2	2
3	4
4	8
5	16
6	32
7	64
8	128
9	256
10	512

Table for a
Quadratic Relationship

Length of a side (m)	Area (m ²)
0	0
5	175
10	300
15	375
20	400
25	375
30	300
35	175
40	0