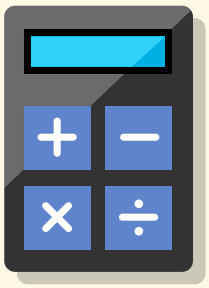
Linear and exponential functions card sets



Investment Plans

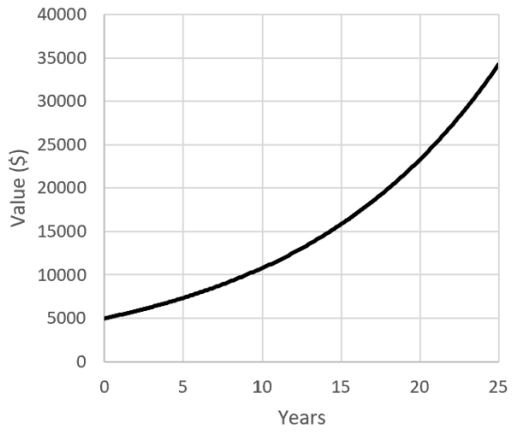
P1 Investment: $5,000 Simple Interest Rate: 16%	**P2** Investment: $5,000 Compound Interest Rate: 5%
P3 Investment: $5,000 Simple Interest Rate: 8%	**P4** Investment: $2,000 Compound Interest Rate: 5%
P5 Investment: $5,000 Compound Interest Rate: 8%	**P6** Investment: $5,000 Simple Interest Rate: 5%

Formulas

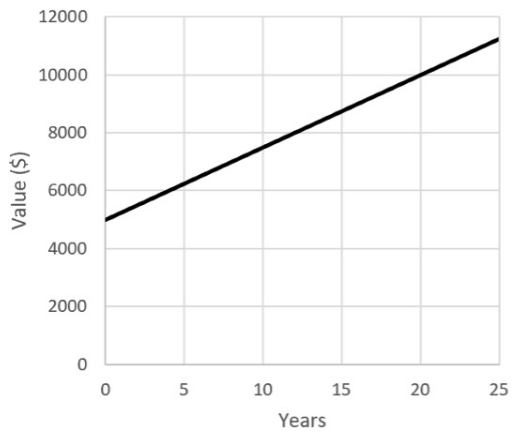
F1 $A = 5{,}000 \times 1.08^{n}$	**F2** $A = 5{,}000 + 400n$
F3 $A = 5{,}000 \times 1.05^{n}$	**F4** $A = 5{,}000 + 250^{n}$
F5	**F6**

Graphs

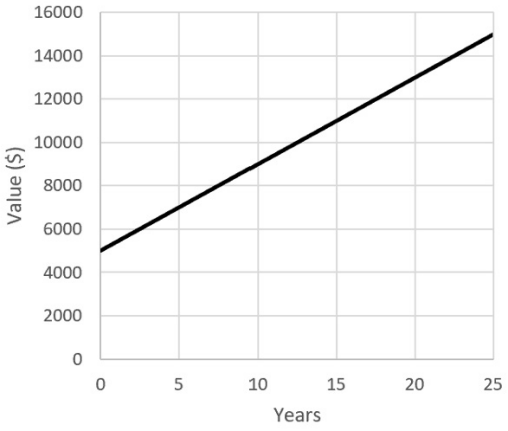
G1



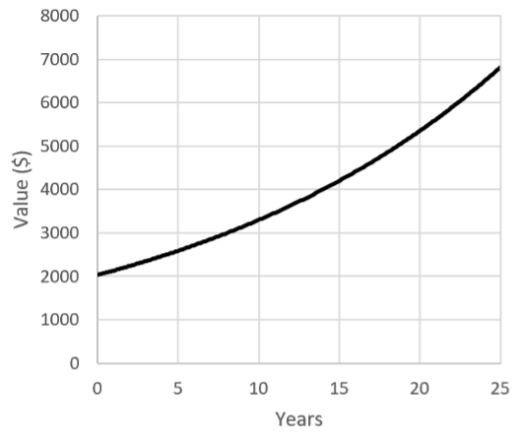
G2



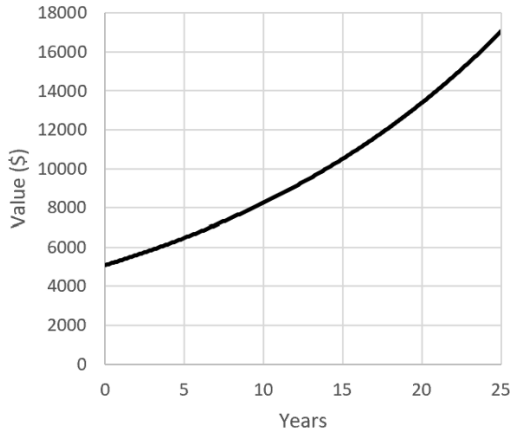
G3



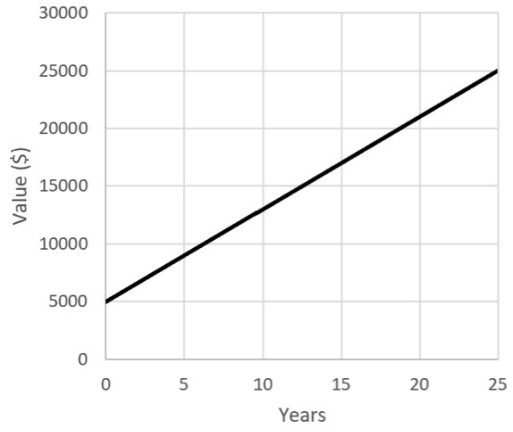
G4



G5



G6



Tables

T1

Years	Value ($)
0	5,000.00
1	5,400.00
2	5,832.00
3	
4	6,802.44
5	7,346.64

T2

Years	Value ($)
0	2,000.00
1	2,100.00
2	
3	3,771.30
4	2,431.01
5	2,552.56

T3

Years	Value ($)
0	5,000
1	5,250
2	
3	5,750
4	6,000
5	6,250

T4

Years	Value ($)
0	5,000.00
1	5,250.00
2	5,512.50
3	5,788.13
4	
5	6,381.41

T5

Years	Value ($)
0	5,000
1	5,400
2	5,800
3	
4	6,600
5	7,000

T6

Years	Value ($)
0	5,000
1	5,800
2	
3	7,400
4	8,200
5	9,000

Statements

S1 These two investments the same time to double your money.	**S2** This investment will double your money in 12 years 6 months.
S3 This investment will double your money in 12 years 6 months.	**S4** This investment is the best one over 10 years.
S5 This investment is the best one over 20 years.	**S6** This investment will take 10 years to double your money