

Situation #1: Parking Garage Cost

Description

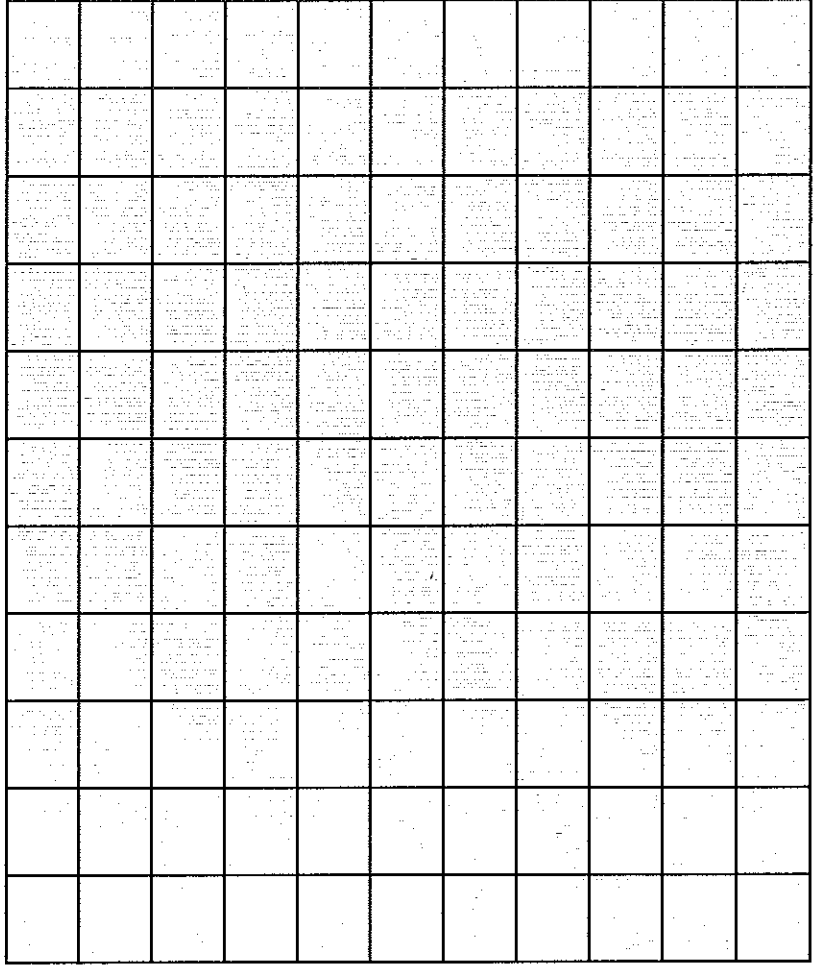
At the North parking garage it costs \$5 to bring your car into the garage plus \$2 for every hour the car is parked.

Equation

Table

Hours	Charge
0	
1	
2	
3	
4	
5	

Graph



Situation #2: Monthly Cell Phone Bill

Description

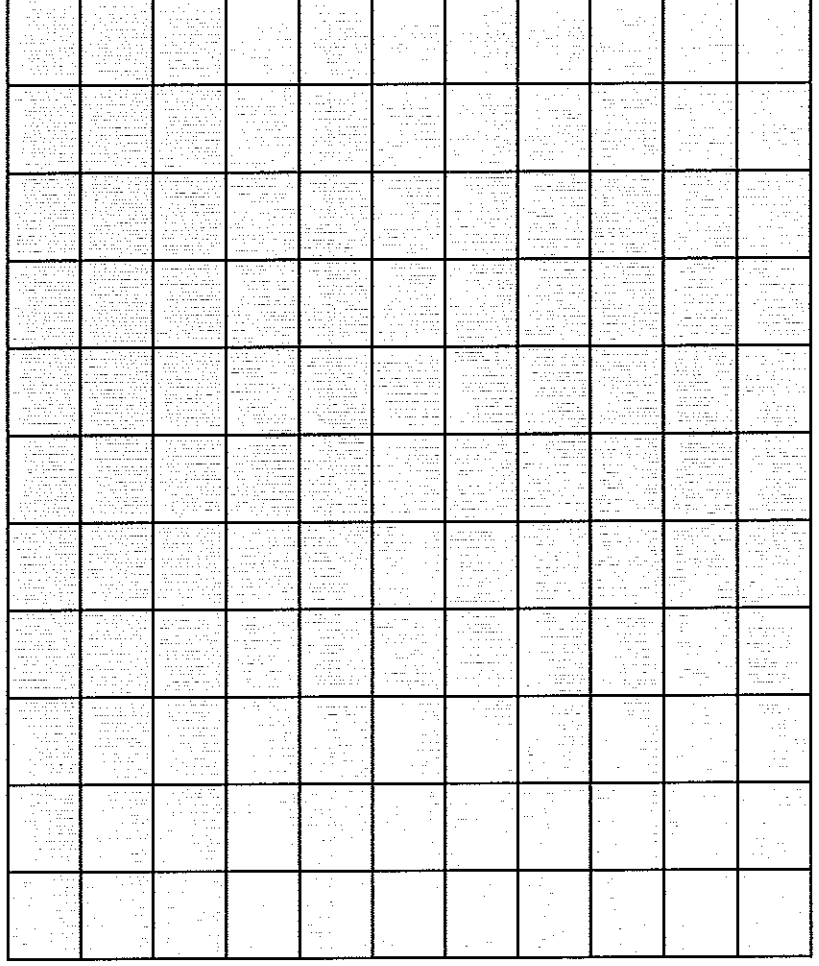
Equation

$$\text{Cost} = \$0.10 * (\text{number of texts}) + \$50$$

Table

Number of Texts	Charge
0	
100	
200	
300	
400	
500	

Graph



Situation #3: Tree Growth vs. Years

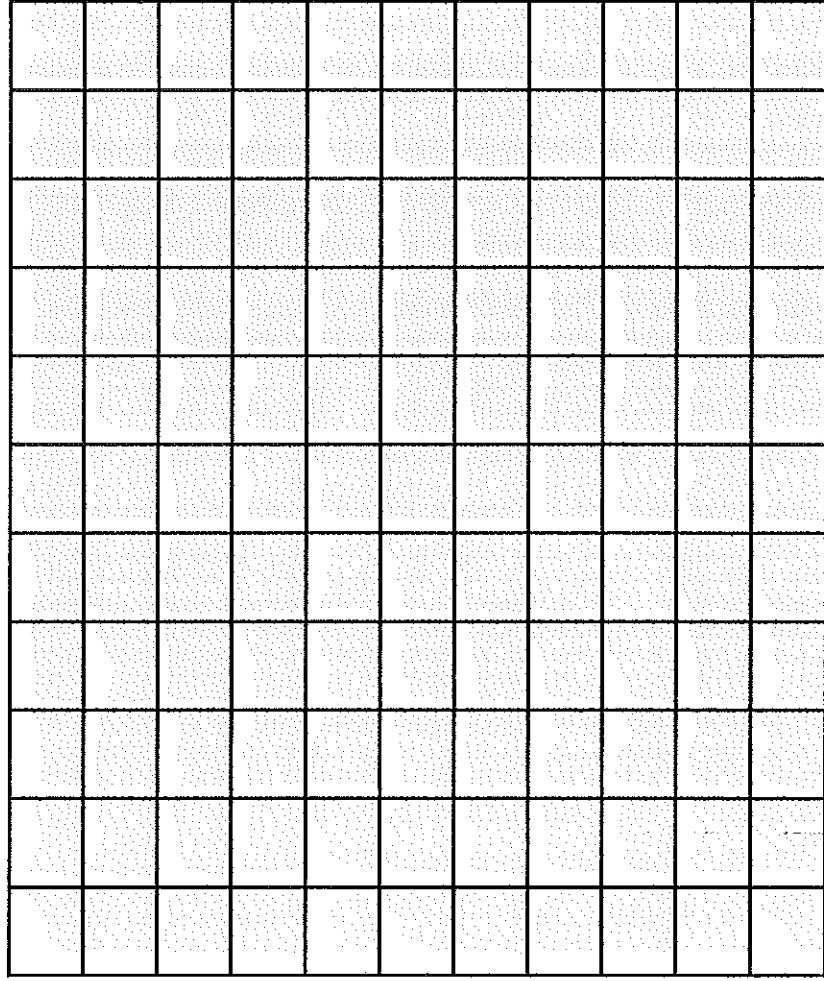
Description

Equation

Table

	Tree Height in Feet
	8
	10
	12
	18
	24
	28

Graph



Situation #4: Miles Traveled vs. Hours

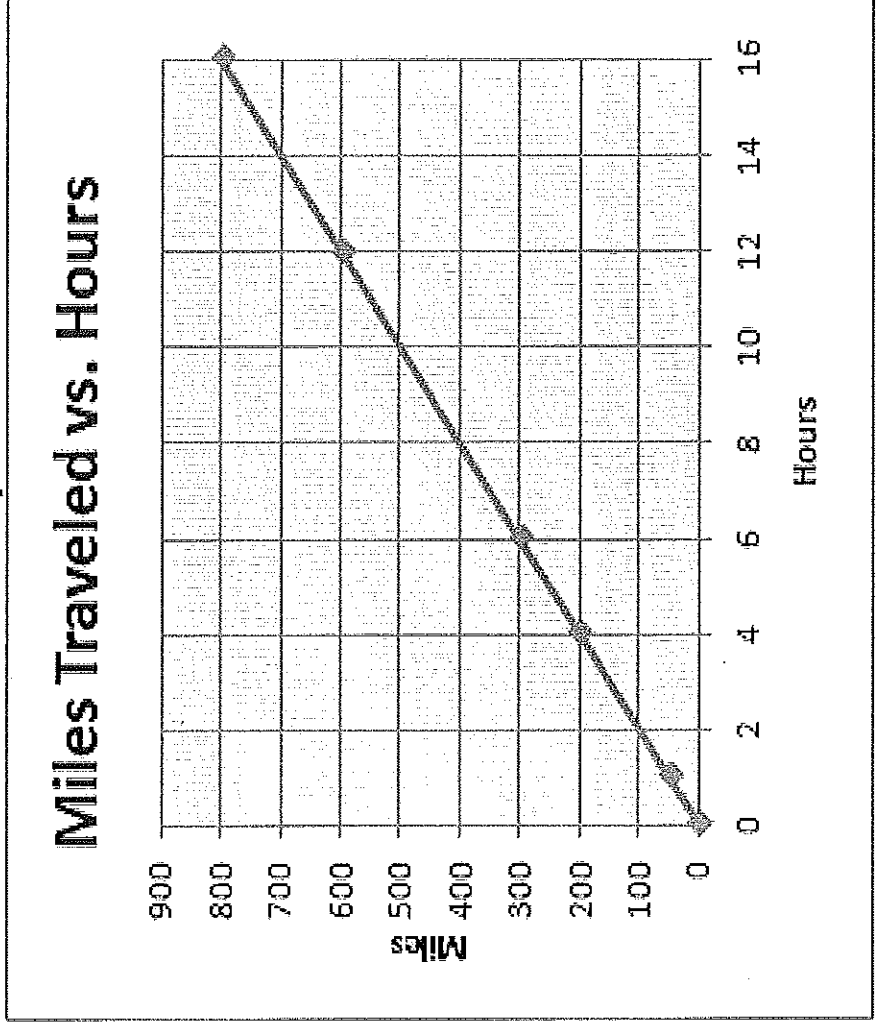
Description

Equation

Table

Hours	Miles Traveled
0	
1	
2	
3	
4	
5	

Graph



Situation #5: Plumbing Repair Costs

Description

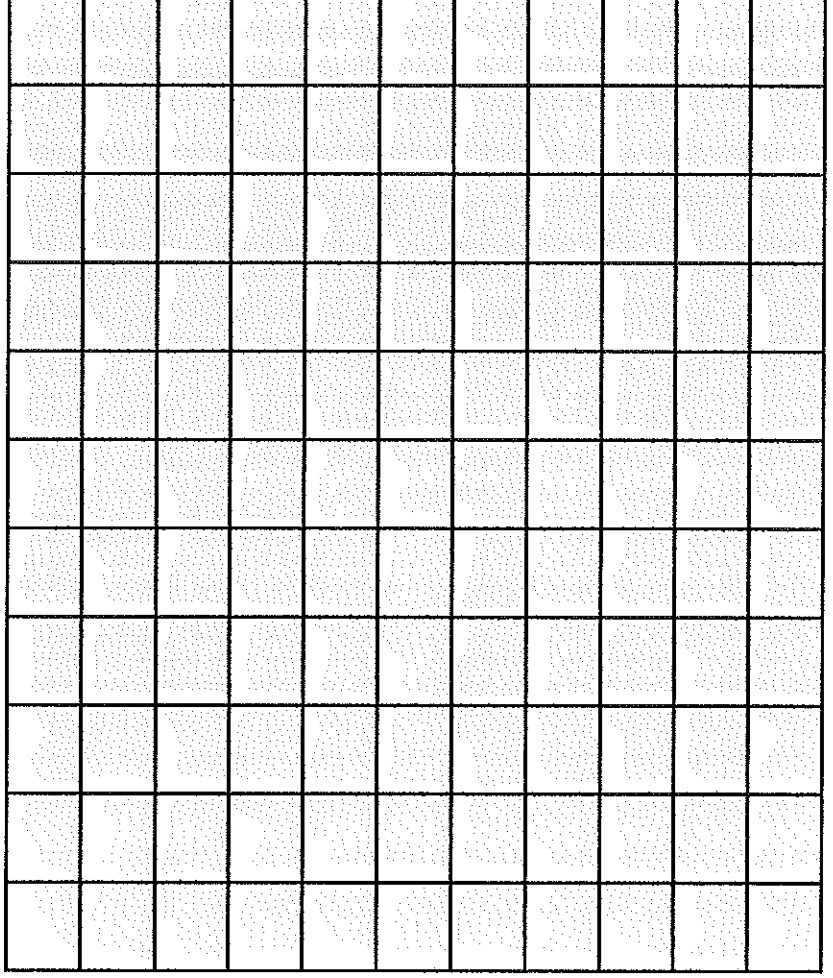
A plumbing service charges a flat fee of \$40 to make a house call plus \$25 an hour.

Equation

Table

	Charge

Graph



Situation #6: Gas Cost vs. Gallons

Description

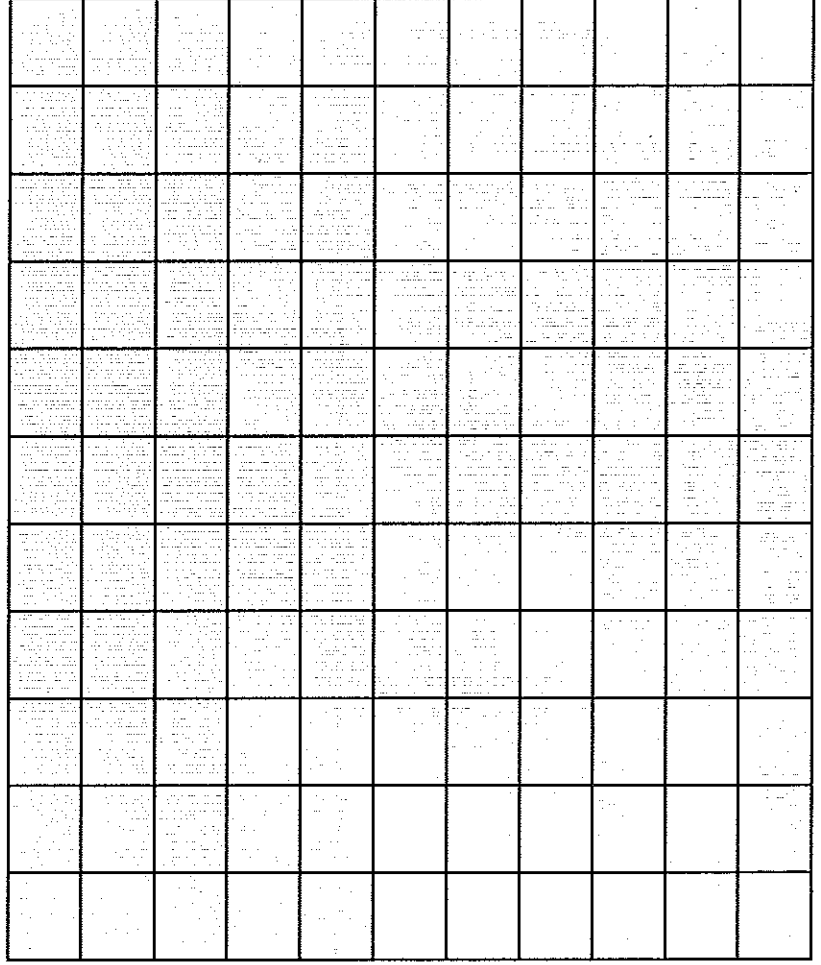
Equation

$$\text{Cost} = \$3.50 \times \text{Number of Gallons}$$

Table

Gallons of Gas	Cost
0	
5	
10	
15	
20	
25	

Graph



Situation #7: Pumpkin Weights

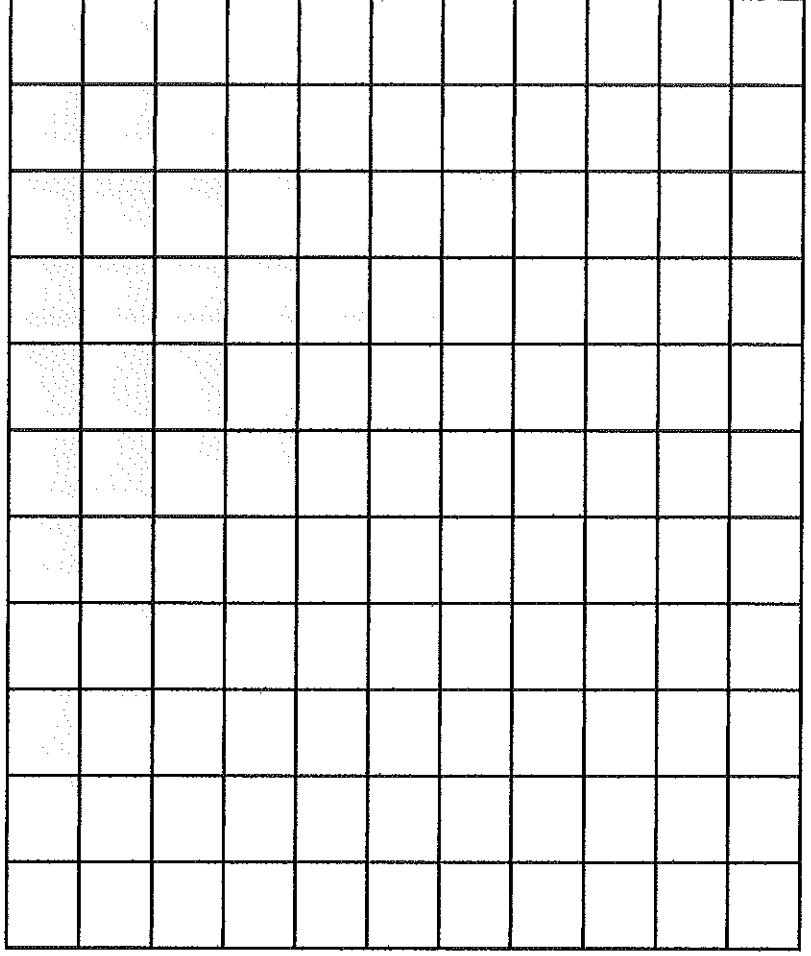
Description

Equation

Table

Pumpkins	Weight in Pounds
0	0
5	8
10	16
15	24
20	32
25	40

Graph



Situation #8: Miles per Gallon

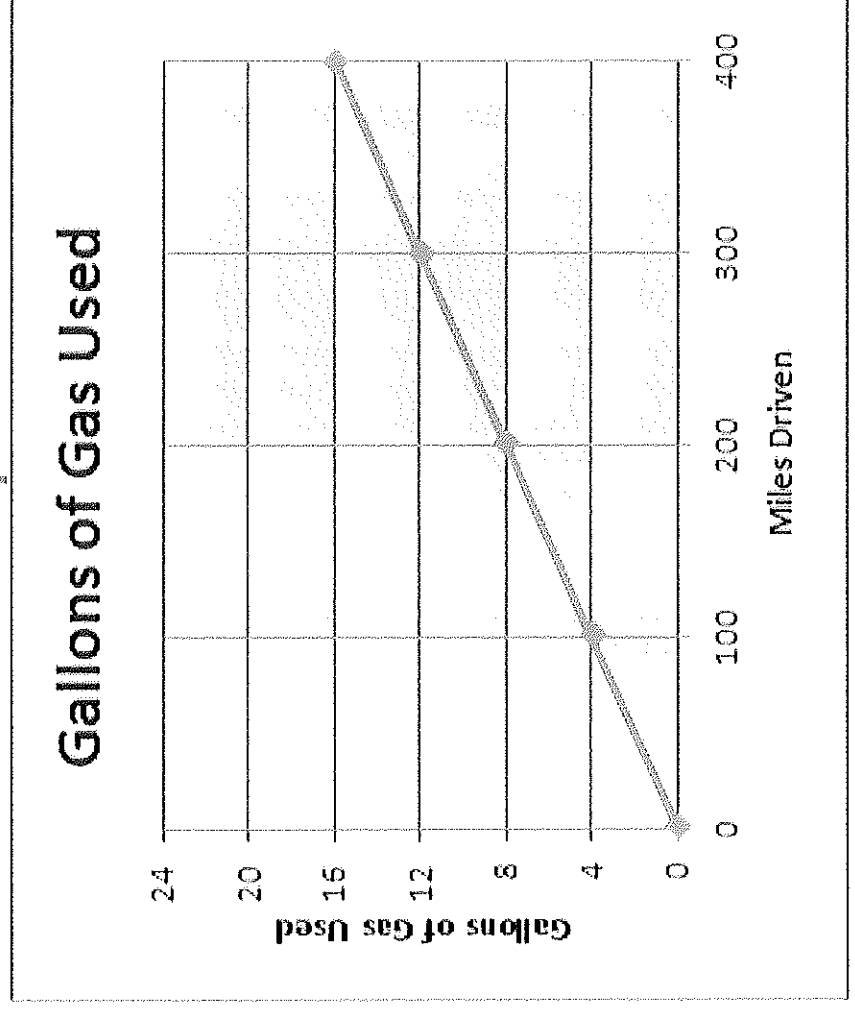
Description

Equation

Table

Miles Driven	Gallons of Gas used
0	
50	
100	
150	
200	
250	

Graph



Situation #9:

Hot Dog Sales

Description

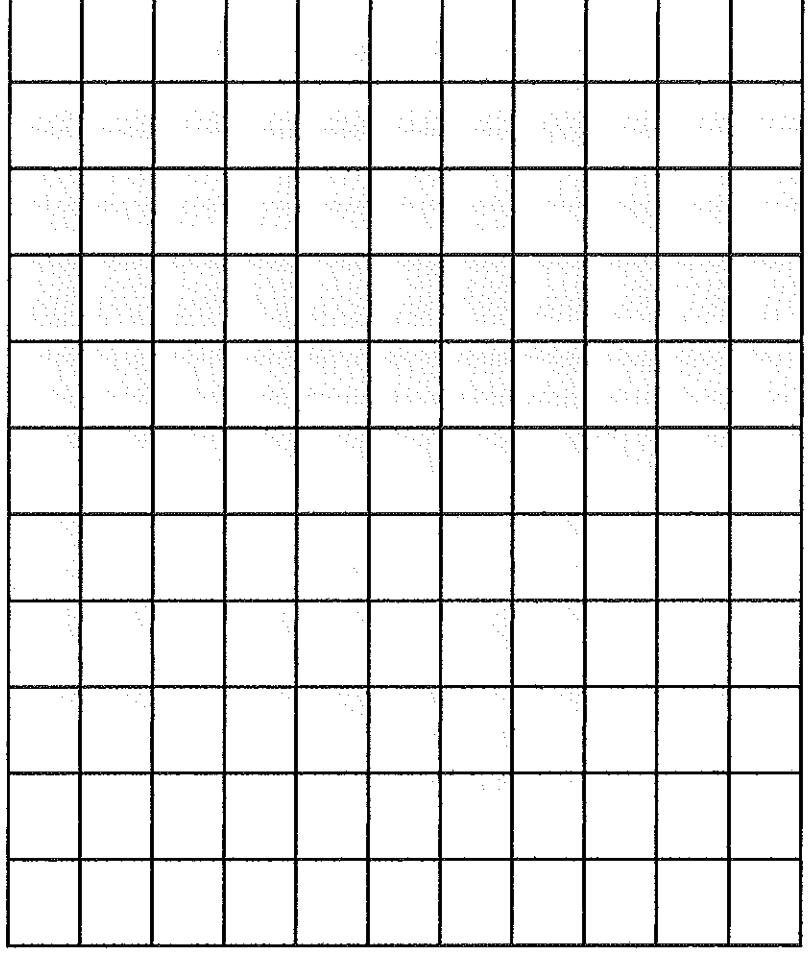
At the football game they expect
That for every 4 people who attend
The game the concession stand
Will sell 3 hot dogs.

Equation

Table

Attendance	Hot Dogs Sold
0	
400	
800	
1200	
1600	
2000	

Graph



Situation #10: Temperature Scale Conversion

Description

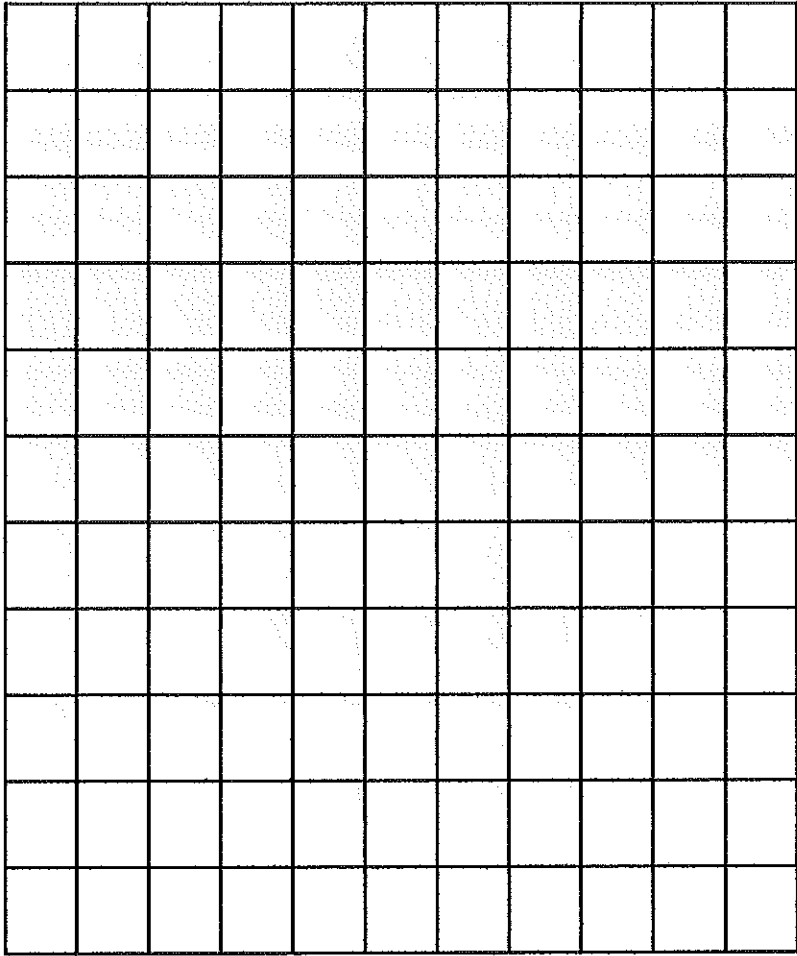
Equation

$$\text{Fahrenheit} = (1.8 \times \text{Celsius}) + 32$$

Table

Degrees Celsius	Degrees Fahrenheit
0	
20	
40	
60	
80	
100	

Graph



Situation #11: Currency Conversion

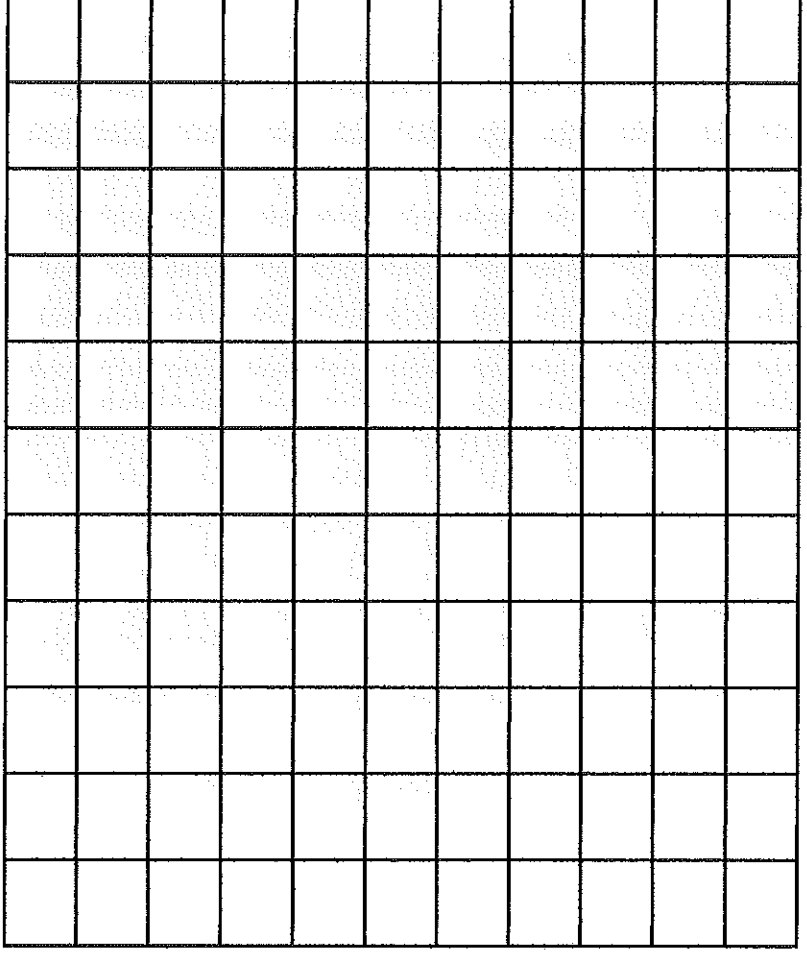
Description

Equation

Table

US Dollars	Euros
0	0
5	6
10	12
15	18
20	24
25	30

Graph



Situation #12: Circle Circumference

Description

Equation

Table

Diameter	Circumference
0	
1	
5	
10	
12	
20	

Graph

