

# Sheet1

```

\|r      {ONERROR Stop}
          {WINDOWSOFF}{PANELOFF}
          {GOTO}Table~
          /re{END}{DOWN}{RIGHT}~
          /rntTable~
          {GETLABEL "Print which group? ",Group}
Findloop /rs{Backspace}~{End}{Down}~
          #NAME? +"z{esc}"&C16&"~lfq"
          {LET Prinrange,@cellpointer("contents")}
          #NAME? +"/PPR"&Prinrange
          ~agpq
          {DOWN}
          {BRANCH Findloop}
Stop      {WINDOWSON}{PANELON}{Home}{QUIT}

```

Group  
Prinrange

Table	H16..O38	Two corn
	P16..T24	
	P29..W45	
	D19	
	D23	Two deer
	D24	Two monopoly
	B7	
	B16	
	B17	
	B14	
	B19..B49	
	B1	

Per Ear	Demanded
\$1.40	-\$600.00
\$1.20	\$200.00
\$1.00	\$1,000.00
\$0.80	\$1,800.00
\$0.60	\$2,600.00
\$0.40	\$3,400.00
\$0.20	\$4,200.00
\$0.00	\$5,000.00

Solution: A quick inspection shows that the price at which the quantity demanded is equal to the quantity supplied is at \$0.80.

Demand Equation for Corn

$$Q_d = 5000 - 4000 \cdot P$$

Solution: Demand ( $Q_d$ ) will equal supply ( $Q_s$ ) only when

$$5000 - 4000 \cdot P = 2500 \cdot P - 200$$

Solving for  $P$  results in the answer  $P = 5200/6500 = \$0.80$ .

Per Ear	Supplied
\$1.40	\$3,300.00
\$1.20	\$2,800.00
\$1.00	\$2,300.00
\$0.80	\$1,800.00
\$0.60	\$1,300.00
\$0.40	\$800.00
\$0.20	\$300.00
\$0.00	-\$200.00

Supply Equation for Corn

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$$Q_s = 2500 \cdot P - 200$$

1	0	0	#NAME?	1750
1	0	0	#NAME?	0
2	#NAME?	#NAME?	#NAME?	2000
3	#NAME?	#NAME?	#NAME?	2000
4	#NAME?	#NAME?	#NAME?	2000
5	#NAME?	#NAME?	#NAME?	2000
6	#NAME?	#NAME?	#NAME?	2000
7	#NAME?	#NAME?	#NAME?	2000

# MONOPOLY PRICING

Q	P	TR Q*P	MR $\Delta TR/\Delta Q$	TC	ATC TC/Q	MC $\Delta TC/\Delta Q$	PROFIT TR-TC
0	5.00	0.00		5.00			
1	4.50	4.50	4.50	5.75	5.75	0.75	-1.25
2	4.00	8.00	3.50	6.75	3.38	1.00	1.25
3	3.50	10.50	2.50	8.00	2.67	1.25	2.50
4	3.00	12.00	1.50	9.50	2.38	1.50	2.50
5	2.50	12.50	0.50	11.25	2.25	1.75	1.25
6	2.00	12.00	-0.50	13.25	2.21	2.00	-1.25
7	1.50	10.50	-1.50	15.50	2.21	2.25	-5.00
8	1.00	8.00	-2.50	18.00	2.25	2.50	-10.00
9	0.50	4.50	-3.50	20.75	2.31	2.75	-16.25
10	0.00	0.00	-4.50	23.75	2.38	3.00	-23.75

1CORN	G3..N29
1DEER	O4..S17
1MONOPOLY	O22..V38
COUNTER	A12
PRINT	A7..A9
STOP	A13
\R	A5