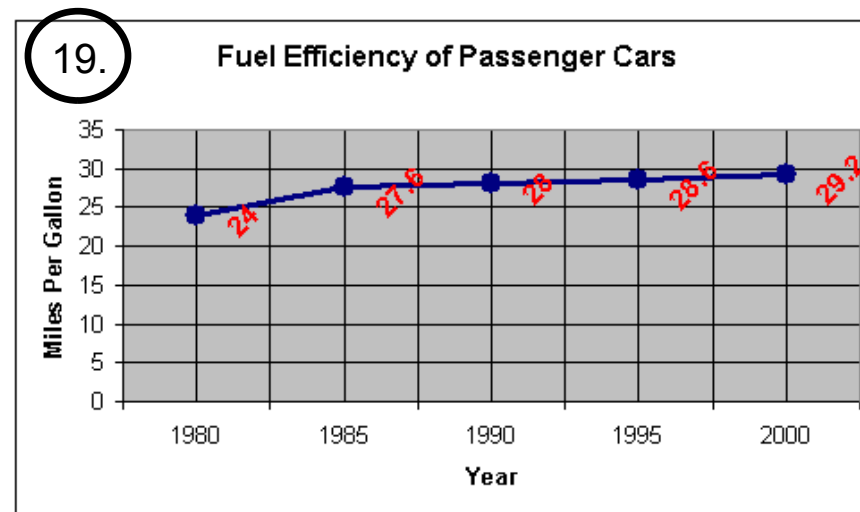
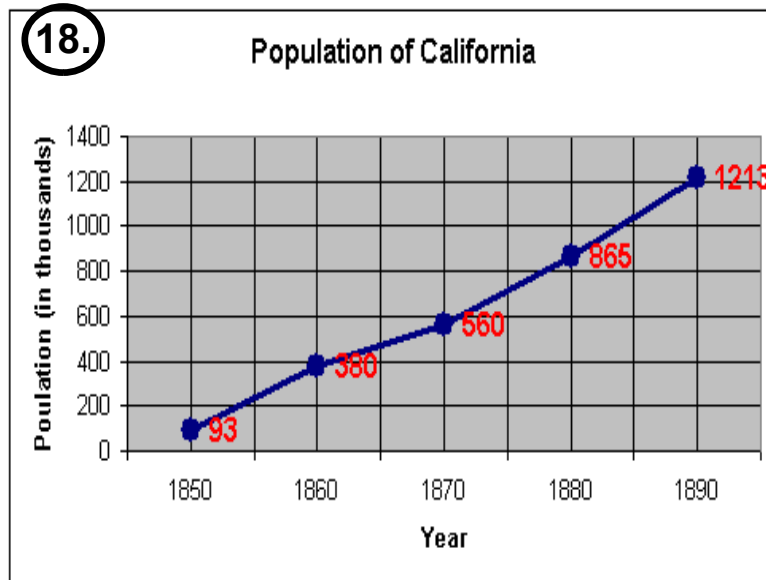


Pg. 45 1-5, pg. 46 15-19

- ① Data: information, facts, or numbers that describe something
- ② Tables, Bar Graphs, Line Graphs
- ③ False ④ True ⑤ False

Pg 46

- ⑮ 1991-1996 ⑯ \$4.25 ⑰ 1998



Pg 47: 23 - 25(a); 27-33(o); 35-43(a)

(23) 42 in, 98 in²

(24) 32 units, 48 units²

(25) 56 ft, 84 ft²

(27) Solution

(29) not a Solution

(31) Solution

(33) not a Solution

(35) < (36) < (37) > (38) <

(39) = (40) < (41) > (42) > (43) =

1.8. Functions

Sept. 29, 2006

-Function: a rule that establishes
a relationship between
two quantities.

ie: Input & Output

Think Pop Mach.



ex] Input-Output Table

Fig.1
1 dot

Fig.2
3 dots

Fig.3
6 dots

Fig.4
10 dots

Input	1	2	3	4	5
output	1	3	6	10	15

Input	Output
1	1
2	3
3	6
4	10
5	15

O.T.L.

Have a great
weekend

ex2) Ballooning

- we are at 250 ft.
- using the burner: we will rise 20 ft per each min.
- show each mins. altitude for the next 5 min.

h = height of the balloon

t = time of the burner

$$20t + 250$$

$$t=0 \quad h=20(0)+250 \quad h=250'$$

$$t=1 \quad h=20(1)+250 \quad h=270'$$

$$t=2 \quad h=20(2)+250 \quad h=290'$$

$$t=3 \quad h=20(3)+250 \quad h=310'$$

$$t=4 \quad h=20(4)+250 \quad h=330'$$

$$t=5 \quad h=20(5)+250 \quad h=350'$$

- Domain: The Collection of All Input Values
Figures / Time
- Range: The Collection of All Output Values.
#of.Dats / Altitude.

Complete the Table if the Domain
is $\{0, 1, 2, 3, 4\}$
for the function $h = 250 + 20(t)$

Input	Output
0	250
1	270
2	290
3	310
4	330

O.T.L.

① pg 51-53 : 1-6 (a), 7-19 (o),
23, 27, 28, 29

* Draw Graphs when
Asked to as well as
any tables.

* # 5 : you need to ans.
#4

~~2. Chapter Test Thursday!!!~~