Exercises for Chapter 1

Exercise 1.1 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.2 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.3 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.4 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.5 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.6 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.7 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.8 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.9 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.10 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.11 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.12 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.13 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.14 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.15 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.16 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.17 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.18 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.19 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.20 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.21 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.22 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.23 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.24 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.

Exercise 1.25 (P. 1)
Author: Carlos Castillo-Garsow
Topic: Basic Data

Data:

Year	Population
1900	1,000,000
1910	1,200,000
1920	1,400,000
1930	1,600,000
1940	1,800,000
1950	2,000,000
1960	2,200,000
1970	2,400,000
1980	2,600,000
1990	2,800,000
2000	3,000,000

Question:
Which of the following is true about the data?
- The population increases by 200,000 every decade.
- The population increases by 200,000 every year.
- The population increases by 200,000 every 100 years.
- The population increases by 200,000 every 1000 years.
- The population increases by 200,000 every 2000 years.

Response/Feedback:
Correct: The population increases by 200,000 every decade.
Incorrect: The population increases by 200,000 every decade.