

Graph and data interpretation

Read the Brightwater climate graph, then work out the facts.



NAME _____ CLASS _____ DATE _____

LEARNING GOAL

Read values from a graph, calculate from them and describe the pattern.

SUCCESS CRITERIA

- ☐ I can read the right axis for each line.
☐ I can calculate with units.

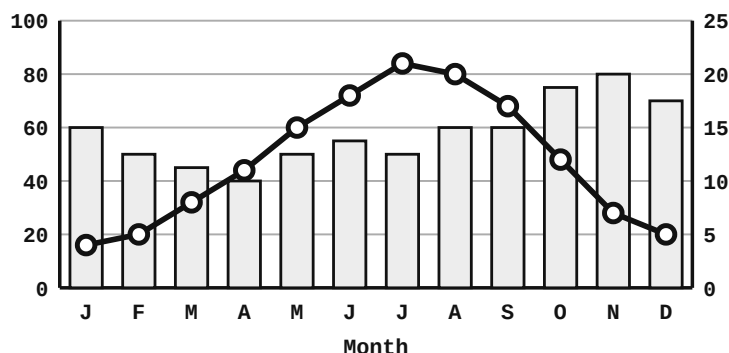
ENTRY 1

Climate of Brightwater

Data invented for practice

☐ Rainfall (mm): bars

☒ Temperature (°C): line



Month	Temp °C	Rain mm
Jan	4	60
Feb	5	50
Mar	8	45
Apr	11	40
May	15	50
Jun	18	55
Jul	21	50
Aug	20	60
Sep	17	60
Oct	12	75
Nov	7	80
Dec	5	70

ENTRY 2

Read and calculate

Write units

- Which month is the warmest?
- Lowest temperature and its month? °C
- Temperature range (highest – lowest)? °C
- Wettest month and its rainfall? mm
- Driest month and its rainfall? mm
- Wettest minus driest rainfall? mm
- Total yearly rainfall (add all months)? mm
- Mean temperature, June to August (1 d.p.)? °C
- Describe the pattern of rainfall through the year in two sentences. Use numbers.

- This graph shows one year of data. What else would you want to know?

Reading a population pyramid

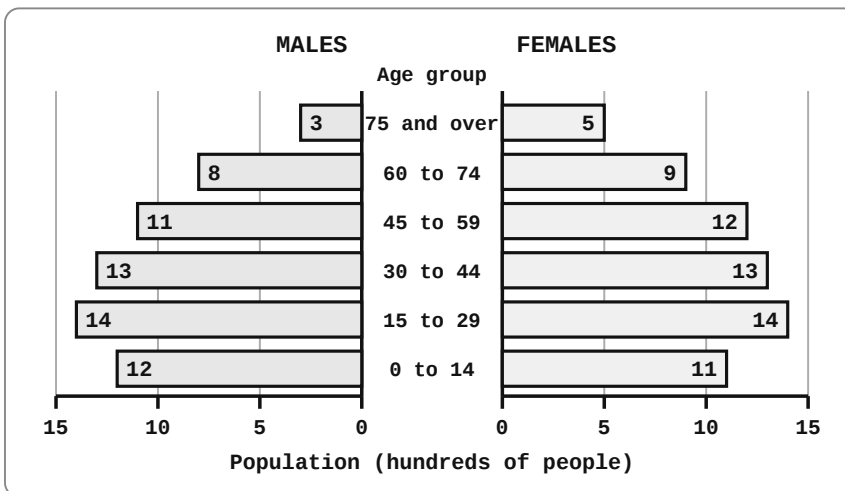


NAME _____ CLASS _____ DATE _____

ENTRY 1

An invented town

Hundreds of people



Age group	Males	Females
0 to 14	12	11
15 to 29	14	14
30 to 44	13	13
45 to 59	11	12
60 to 74	8	9
75 and over	3	5
Total	61	64

125
HUNDRED

125 hundred people in total, which is **12 500** people.

ENTRY 2

Read and calculate

Write units

NOTES TO SELF

CHECK THE AXIS

Read the **bar end**, then check the scale for the number.

HUNDREDS

The chart counts in **hundreds**. 8 hundred is 800 people.

- Age group with the most males? hundred
- Age group with the fewest females? hundred
- Number aged 75 and over? hundred people
- % aged 75 and over? %
- % aged 0 to 14? %
- Describe the shape. Suggest one reason for more older women than older men.

- Choose one service this town may need. Justify your choice with data.

☐ HEALTH CARE ☐ SCHOOLS ☐ BUSES ☐ HOUSING ☐ MY OWN IDEA