

Master Maths 9 Worksheet 83

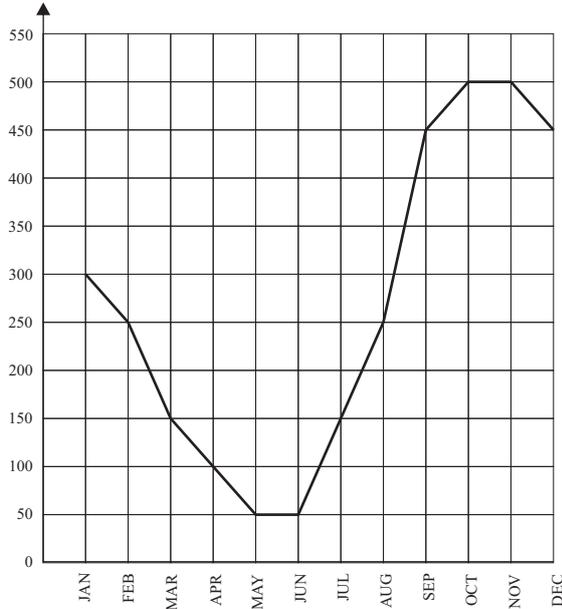
Line Graphs

83

Name: _____

1. The line graph below shows the volume of water (in ML) in a reservoir at the *end* of each month over a year.

Volume of Water (ML)



- (a) What was the volume of water in the reservoir at the end of the following months?

March	
October	

- (b) During which months did the volume of water remain unchanged?

- (c) During which month did the volume *increase* by the largest amount and by how much did it increase?

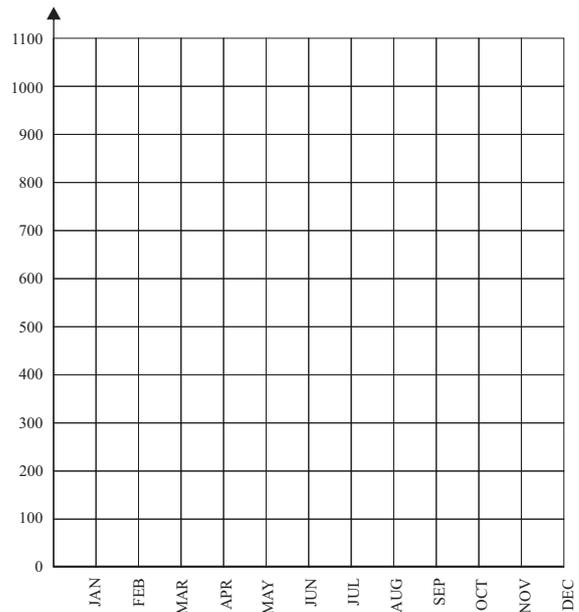
- (d) What was the change in volume between the end of January and the end of December?

2. Thrifty Theo is a Year 9 student who saves *all the money* he earns from his pocket money and his part-time job. Thrifty banked his earnings. The table shows his statement balance at the *end of each month* of the year.

Jan	Feb	Mar	Apr	May	Jun
\$ 100	\$200	\$300	\$400	\$100	\$200
Jul	Aug	Sep	Oct	Nov	Dec
\$500	\$600	\$700	\$800	\$900	\$1000

Represent this information as a *line graph* on the axes shown.

Bank balance (\$)



- (a) Thrifty bought himself a bike during the year. In which month did this happen?

- (b) During the year his grandparents gave him money for his birthday. In which month is his birthday?

- (c) If Thrifty earns \$10 per month in pocket money, how much do you think he earns from his part-time job each month?