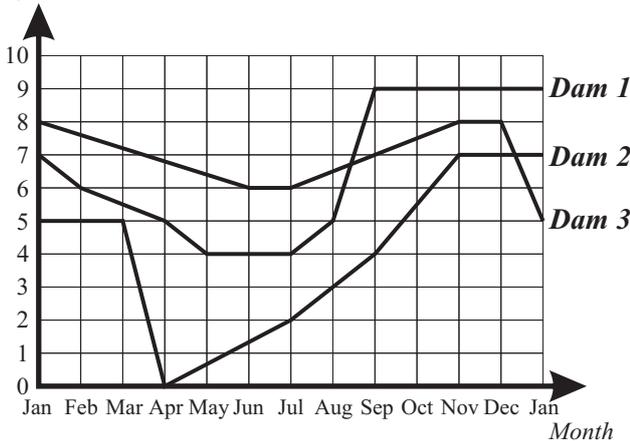


Name: \_\_\_\_\_

1. The graph below shows the amount of water in three dams on a farming property. The amount of water was recorded at the *start of each month* for a year.

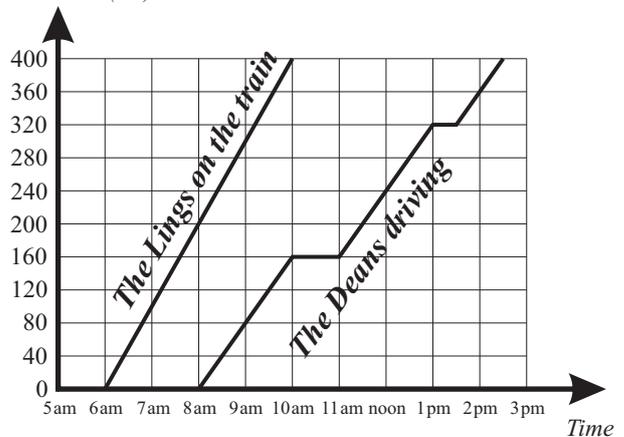
Amount of Water  
Megalitres (ML)



- (a) What was the total amount of water in the dams at the *start* of the year?
- (b) Which two dams were used for irrigating the farm in January?
- (c) Which dam was used for irrigating the farm in December?
- (d) Which dam was emptied to be dug out?
- (e) Which month was this dam emptied?
- (f) At the beginning of which month were all three dams full?
- (g) What was the amount of water in the dams when they were full?
- (h) Which is the largest dam?

2. The Ling and the Dean families travelled from Brisbane to Coffs Harbour, a distance of 400 km, for a holiday. The Lings travelled by train and the Deans drove their car. The graph below shows the distance,  $d$  (in km), the families were from Brisbane and the time of day.

Distance from Brisbane (km)



- (a) What time did each family leave Brisbane?  
**Lings**  **Deans**
- (b) What time did each family arrive at Coffs Harbour?  
**Lings**  **Deans**
- (c) The Deans stopped twice. The first stop was at Byron Bay and the second at Grafton. At what times did they have their stops?  
**Byron Bay**  **Grafton**
- (d) How long did they stop at each town?  
**Byron Bay**  **Grafton**
- (e) What was the speed of each (km per hour)?  
**Train**  **Car**