

Note: Only turn back to page number if you have difficulty

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- Q1. Martin has a small farm and depends on the water stored in his tank for cooking and cleaning. The table shows the level (depth) of water in the tank for a 10 day period.

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Day	1	2	3	4	5	6	7	8	9	10
Water level (cm)	62	60	55	58	65	70	67	63	60	59

- (a) Draw a column graph to illustrate the level of water in the tank.
 (b) It rained for 3 out of the 10 days. Which days were they?

- Q2. 200 students were asked to name their favourite spectator sport. The results were:

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Sport	No. of students
Cricket	30
Basketball	40
Football	50
Tennis	15
Soccer	65

If a pie graph was to be drawn of the information in the table, what angle would represent each of the five sports?

- Q3. The table below shows the yearly profit of a medium sized business:

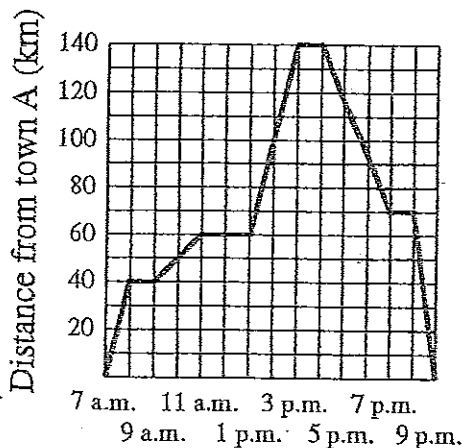
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Year	1984	1985	1986	1987	1988	1989	1990
Profit (\$000)	150	185	230	300	260	380	420

Draw a line graph to illustrate the data in the table.

- Q4. The travel graph below shows the distance travelled by a man on his way from town A to town B, which is 140 km from town A.

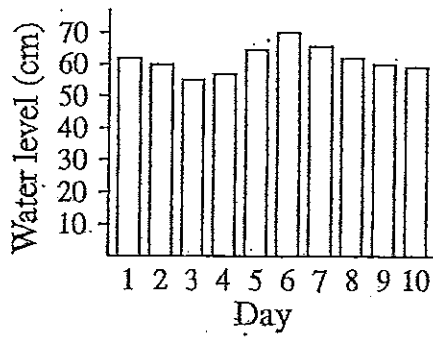
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- (a) When did the man leave town A?
 (b) At what time was his first rest stop?
 (c) How far did he travel between 9 a.m. and 1 p.m.?
 (d) When did he reach town B?
 (e) He had one rest stop on the way home. How far from town A was this stop?
 (f) What was his average speed from town B to town A?

Level 3 — Graphs (ANSWERS)

Q1. (a)

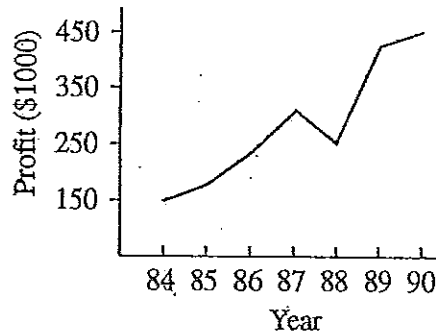


(b) During days 5, 6 and 7.

Q2.

Cricket	54°
Basketball	72°
Football	90°
Tennis	27°
Soccer	117°

Q3.



Q4. (a) 7 a.m. (b) 8 a.m. – 9 a.m. (c) 20 km (d) 3 p.m. (e) 70 km (f) 28 km/h