- 1) α) 15:45
  - b) 00:30

**(36)** 

2) Correct order is:

03:10, 13:20, 19:30, 23:55

Activity	Analogue Time	24-Hour Digital Time
breakfast	11 12 1 10 2 10 2 10 3 10 0 10 0 10 0 10 0 10 0 10 0 10 0	07:30
school starts	11 12 1 10 2 10 3 10 3 10 3 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4	08:45
lunch starts	11 12 1 12 1 12 1 13 1 14 1 15 1 16 1 17 1 18 4 18 4 19 9	13:15

- a) Answers are shown on timetable.
- b) 14:15
- c) 09:45
- 1) a) Amelia has written the 24-hour time for 3:30 a.m. when the time is actually 3:30 p.m. She should have written 15:30.



- b) Amelia has written the time 00:10 as 24:10. Amelia has incorrectly carried on counting past 23:00 onto 24:00 instead of counting from 23:00 to 00:00.
- 2) Pasha is incorrect. The correct order is:
  - 00:05, 07:40, 08:05, 13:25, 19:35.
- 3) Aliyah is correct and Robert is incorrect.

Robert is incorrect because we can see that the hour hand is not resting between the number five and the number six on the clock, that would indicate 5:25 p.m. or 17:25.

Aliyah is correct as the hour hand could be resting between the numbers 7 and 8 that cannot be seen so the hour hand could be helping to show 7:25 p.m or 19:25.





1) 05:30, 07:00, 10:30, 13:00, 16:30, 20:00, 22:30



- 2) α) 19:15
  - b) 14:15
  - c) 3 hours 30 mins
  - d) 17 hours
- 3) This arrangement of consecutive numbers will occur 8 times on the 24-hour clock between 00:00 and 05:00.
  - 00:12 = 0, 1, 2
  - 01:23 = 1, 2, 3
  - 02:34 = 2, 3, 4
  - 03:45 = 3, 5, 5
  - 04:56 = 4, 5, 6
  - 04:32 = 4, 3, 2
  - 03:21 = 3, 2, 1
  - 02:10 = 2, 1, 0