

Year 11 Mathematics Essentials

TIME

Australian Islamic College
Term 3, 2017

Name: _____

Outcome	Descriptor	Result
2.4.1	Students understand the difference between 'What time is it?' and 'How much time did it take?' They read the time on digital and analogue clocks, calendars and straightforward timetables and schedules	
2.4.7	Students understand key elapsed time intervals, working with intervals in multiples of quarter-hours	

1. Complete the missing values in the train timetable below. It takes the same time every journey to go from one station to the next. The train does not leave in regular intervals.

Fremantle	7:00	7:30		
Cottelsoe		7:45		
Karrakatta	7:20			8:20
Subiaco	7:30		8:10	

^^^

2. Answer the following questions from the timetable below.

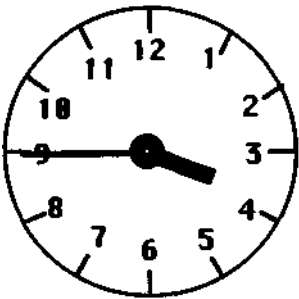
Circleroute Clockwise timetable																98
Monday to Friday																
Fremantle Train Station	Claremont Bay View Tce	UWA	Edith Cowan University	Stirling Train Station	Morley Dr/ Flinders St	Morley Bus Stn (Galleria)	Bayswater Train Station	Ascot Race Course	Belmont Forum Shop Ctr	Oats St Train Station	Curtin University	Southlands Shop Ctr	Murdoch Park 'n' Ride	Murdoch University	Fremantle Train Station	
am -	-	-	-	-	-	-	-	-	-	-	-	5:48	5:57	6:02	6:25	
-	-	-	-	-	-	-	-	-	-	-	-	6:03	6:12	6:17	6:40	
-	-	-	-	-	-	-	-	-	-	-	-	6:18	6:27	6:32	6:55	
-	-	-	-	-	-	-	-	-	-	-	-	6:33	6:42	6:47	7:10	
-	-	-	-	-	-	-	-	-	-	6:24	6:32	6:48	6:57	7:02	7:25	
-	-	-	-	-	-	-	-	-	-	-	-	7:00	7:09	7:14	7:40	
-	-	-	-	-	-	-	-	-	6:26	6:41	6:49	7:07	7:16	7:21	7:47	
-	-	-	-	-	-	-	-	-	6:41	6:56	7:04	7:22	7:31	7:36	8:02	
-	-	-	-	-	-	6:35	6:41	6:47	6:56	7:11	7:19	7:37	7:46	7:51	8:17	
-	-	-	-	6:21	6:30	6:50	6:56	7:02	7:11	7:26	7:34	7:52	8:01	8:06	8:32	
-	-	-	-	6:36	6:45	7:05	7:11	7:17	7:26	7:41	7:49	8:07	8:16	8:21	8:47	
-	-	-	-	6:51	7:00	7:20	7:26	7:32	7:41	7:56	8:04	8:22	8:31	8:36	9:02	
-	-	-	-	-	-	-	-	-	7:48	8:04	8:12	8:30	8:39	8:44	9:10	
-	-	-	-	7:06	7:15	7:35	7:41	7:47	7:58	8:16	8:25	8:43	8:52	8:57	9:20	
6:20	6:41	6:49	7:07	7:21	7:30	7:50	7:56	8:02	8:13	8:31	8:40	8:58	9:07	9:12	9:35	
6:35	6:56	7:04	7:22	7:36	7:45	8:05	8:11	8:17	8:28	8:46	8:55	9:13	9:22	9:27	9:50	
6:50	7:11	7:19	7:37	7:51	8:00	8:20	8:26	8:32	8:43	9:01	9:10	9:28	9:37	9:42	10:05	
7:05	7:26	7:34	7:52	8:06	8:15	8:35	8:41	8:47	8:58	9:16	9:25	9:43	9:52	9:57	10:20	
7:20	7:40	7:48	8:06	8:21	8:30	8:50	8:56	9:02	9:13	9:31	9:40	9:58	10:07	10:12	10:35	
7:35	7:55	8:03	8:21	8:36	8:45	9:05	9:11	9:17	9:28	9:46	9:55	10:13	10:22	10:27	10:50	
7:45	8:10	8:18	8:36	8:51	9:00	9:20	9:26	9:32	9:41	10:01	10:10	10:28	10:37	10:42	11:05	
8:00	8:25	8:33	8:51	9:06	9:15	9:35	9:41	9:47	9:56	10:16	10:25	10:43	10:52	10:57	11:20	
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8:55	9:16	9:24	9:42	9:56	10:05	10:25	10:31	10:37	10:46	11:01	11:10	11:28	11:37	11:42	12:05	

a) What time does the first bus leave from Fremantle Train Station?

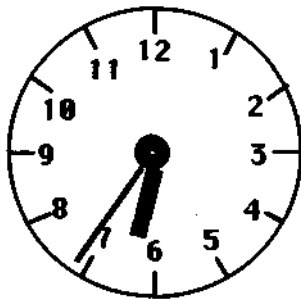
The Gurdies: Bus timetable

Buses to Wonthaggi (WEEKDAYS)	8.45 ^{am} 1.45P ^m 6.50	9.35 2.40 9.55	10.25 3.40	11.15 4.05	12.00 5.15
Buses to Wonthaggi (WEEKENDS)	9.35 ^{am} 1.45P ^m	10.25 3.40	11.15 5.15	10.45	

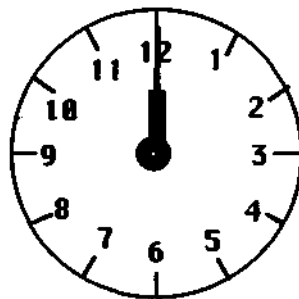
It takes Georgiana 17 minutes to walk to the bus-stop. Which bus would she be able to catch if she left home at the following times on Friday afternoon? How long would she have to wait for the bus?



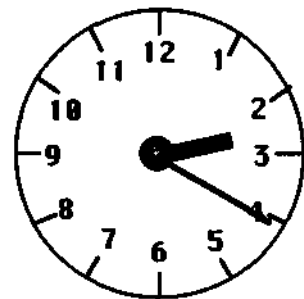
Bus:
Wait:



Bus:
Wait:



Bus:
Wait:



Bus:
Wait:

What about on Saturday?

Bus:
Wait:

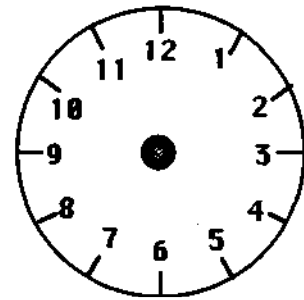
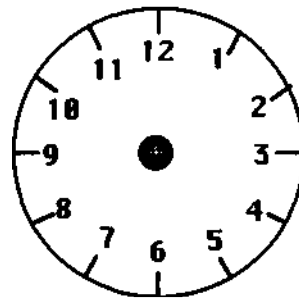
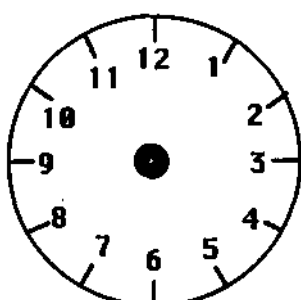
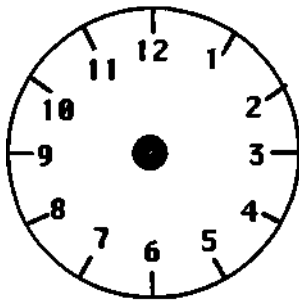
Bus:
Wait:

Bus:
Wait:

Bus:
Wait:

On the clock faces below, mark in hour and minute hands to show the time she would have to leave home to catch the following buses:

9.35 a.m. Thursday



First bus on Tuesday

11.15 a.m. Sunday

Last bus on Saturday

If Georgiana had a digital watch, what would it show?

