17. [Time]











| Sk | ill 17.5 Calculating periods of time (2). | | MM3.2 11 22 3 44 MM4.1 11 2 2 3 3 44 |
|----|---|----|--|
| i) | The Australian F1 Grand Prix starts at 2:00 pm. At what time will it finish if it goes for 1 hour and 25 minutes? | j) | Clarke woke at 6:30 am after 10 hours sleep. At what time did Clarke go to sleep? |
| k) | The movie started at 3:40 pm and played for 105 minutes. At what time did the movie finish? | I) | Samantha was in a queue for 3 hours and 55 minutes and purchased concert tickets at 5:20 pm. At what time did she join the queue? |
| m) | A fruit cake requires 75 minutes baking time. It is 11:10 am when the mix is put in the oven. At what time will the cake be cooked? | n) | It is now 9:25 am. Fred has an appointment in 4 hours and 35 minutes time. At what time is Fred's appointment? |
| 0) | Queen's Bohemian Rhapsody plays for nearly 6 minutes. If the song finishes when the clock strikes 10:00 pm, at what time did it start? | p) | The women's world record for the 3000 m is 8:06.11. The youth world record for girls over the same distance is 8:36.45. How much faster are the women? |
| q) | The movie `A Hitchhiker's Guide to the Galaxy' runs for 110 minutes. If the movie finishes at 1:20 pm, at what time does it start? | r) | Up to 2013, the longest ever Davis Cup tennis match went for 7 hours and 2 minutes. How much longer was the Wimbledon match that lasted 11 hours and 5 minutes? h min |
| s) | You get on the bus at 10:30 am. The trip is expected to take 2 hours and 50 minutes. At what time should you arrive? | t) | Joseph spends 1 hour and 20 minutes swimming each morning. He starts at 6:15 am. At what time does Joseph finish? |

| Sk | Skill 17.6 Comparing periods of time. MM3.2 11 22 33 44 MM4.1 11 22 33 44 | | | | | | |
|----|--|--------------------------------|-----------------|----|---|----------------------------------|---------------------|
| • | Convert all times to the same unit. (see skill 17.4, page 144) Compare the times. | | | | | | |
| Q. | Circle the lor 2 h | igest time. 2100 s | 210 min | Α. | 2 h = 120 mi 2100 s = 35 mi 210 min = 2 2 h 2100 | in min 10 min s 210 mir | Convert to minutes. |
| a) | Circle the lor 1 weekend 1 weeken 96 hours = | 96 h d = 2 days 4 days | 3 days | b) | Circle the lon 3 months | gest time. 100 days | 15 weeks |
| C) | Circle the sho 1 fortnight | ortest time. 4 weeks | 12 days | d) | Circle the lon 15 months | gest time. 1 year | 245 days |
| e) | Circle the sho 250 mins | ortest time. 1500 s | 4 h | f) | Circle the sho quarter of an hour | ortest time. 10 mins | 500 s |
| g) | Circle the lor 6000 s | igest time. 106 min | $1\frac{1}{2}h$ | h) | Circle the sho 2500 min | ortest time. 2 days | 50 h |

| Sk | ill 17.7 Reading timetables. | MM3.2 11 22 33 4 <mark>4</mark> MM4.1 11 22 33 44 | | | |
|-------|--|--|--|--|--|
| Q. | According to the schedule, what is the longest amount of time the Yarraville | 3 hours | | | |
| | Library is open for in any one day? | Check the number of open hours for | | | |
| | Yarraville Library | each day. | | | |
| | Opening Hours | 10 am until 1 pm is 3 hours. | | | |
| | Monday Tuesday Wednesday Thursday Friday Saturday Sunday | 2 pm until 5 pm is 3 hours. | | | |
| | Closed 10am - 1pm 10am - 1pm 2pm - 5pm 2pm - 5pm 10pm - 12noon Closed | | | | |
| a) | How much time do you spend b) | What train would you need to | | | |
| | watching TV if you watch 'Jakers' | catch from Central station to be at | | | |
| | through to the end of `Roller Coaster'? | Bondi station by 5:15 am? | | | |
| | | Sydney - Eastern Suburbs & Illawarra Line | | | |
| | ABC 2:20 Play School (P) 9179C | Redfern 4:39 am 4:49 am 5:04 am | | | |
| | 3:55 Todd World (R) 8467250 <i>4:10 to 6:05.</i> | Central 4:42 am 4:52 am 5:07 am | | | |
| | 4:10 Jakers! (R) 133298 There are 50 | Town Hall 4:44 am 4:54 am 5:09 am | | | |
| | 4:35 Basil Brush 7752328 min from 4:10 | Martin Place 4:46 am 4:56 am 5:11 am | | | |
| | 6:05 Doctor Who (R.S) 9597415 | Kings Cross 4:48 am 4:58 am 5:13 am | | | |
| | 6:30 Beat The Chef (S) 8434 after that. | Edgecliff 4:50 am 5:00 am 5:15 am | | | |
| | 7:00 News (S) 637 | Bondi Junction 4:53 am 5:03 am 5:18 am | | | |
| | 1 h 55 min | | | | |
| c) | According to the schedule, what day d) is it if the Footscray Library is opening at 1 pm? Footscray Library | According to the session times, in what state am I if my showing of 'Bewitched' ends at 11:42 am? | | | |
| | | Bewitched (PG) 102 mins Rockingham (WA) 10:00 am | | | |
| Mon | nday Tuesday Wednesday Thursday Friday Saturday Sunday | Brisbane Regent (QLD) 10:15 am | | | |
| l 0am | - 8pm 10am - 8pm 10am - 8pm 10am - 8pm 10am - 8pm 1pm - 5pm 2pm - 5pm | George St Cinemas (NSW) 10:30 am | | | |
| | | | | | |
| e) | When is the 11:45 pm flight fromf)Melbourne scheduled to arrive inChristchurch on the 3rd of June, 2014? | What is the actual time of arrival at Wellington if the 1:10 pm ferry from Picton is running 7 minutes late? | | | |
| | Flights Out: Melbourne to Christchurch - Tuesday 3 June 2014 | Cook Strait Ferry Timetable - Picton to Wellington | | | |
| | Time From Time To Flight Duration | Destination Departs Arrives Frequency Ferry | | | |
| | 08:45 Melbourne 04:45 Christchurch NZ0852 & NZ0351 6h 0m 10:00 Melbourne 07:20 Christchurch NZ70/2 & NZ05/5 7h 20m | Wellington 6.25 am 9:30 am TWTFSS Aratere | | | |
| | 10:00 Method method method 07:20 Christchurch NZ/942 & NZ0345 71 20m 11:45 Melbourne 08:55 Christchurch NZ0124 & NZ0553 7h 10m | Wellington 10.30 am 1:40 pm Daily Arahura | | | |
| | 06:15 Melbourne 11:35 Christchurch NZ0892 3h 20m | Wellington 6.30 pm 9:40 pm Daily Kaitaki Wellington 6.30 pm 9:40 pm Daily Aratere | | | |

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