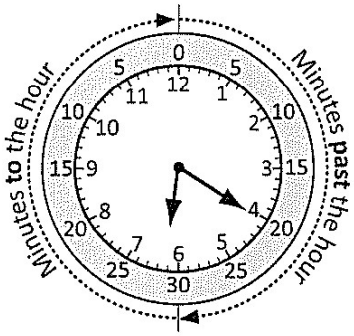
Telling time – five minute intervals past the hour

It takes 5 minutes for the minute hand to move from one number to the next. The time shown on this clock is 20 minutes past 6.

Remember – the minute hand is the longer one.



20 past 6

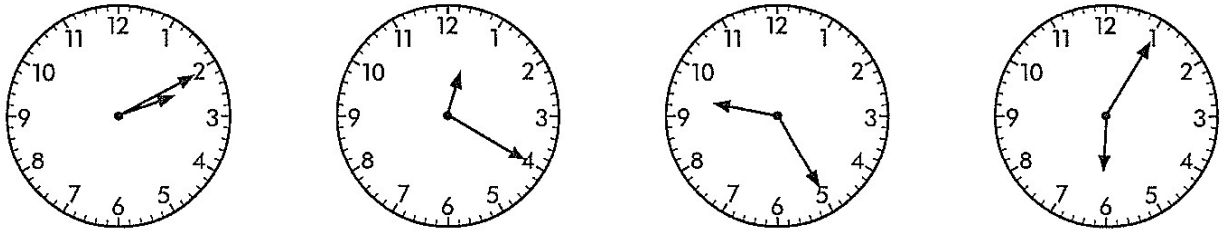
1 **Write the number of minutes it takes the minute hand to move from the following:**

a 8 to 12 ____ **b** 5 to 7 ____ **c** 2 to 4 ____

d 11 to 3 ____ **e** 6 to 1 ____ **f** 5 to 10 ____

2 **Connect each time to the matching clock face:**

25 minutes past 9 | 10 minutes past 2

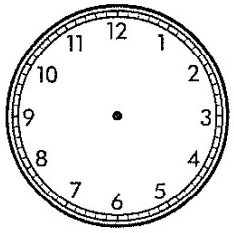


20 minutes past 12 | 5 minutes past 6

3 **Draw the hour and minute hands on each clock to show the correct time:**

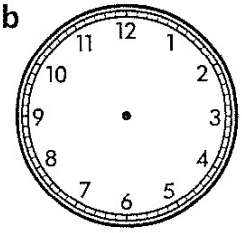
Remember as the minute hand moves around the clock face, the hour hand gets closer to the next hour.

a



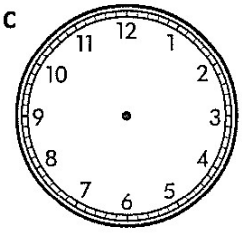
5 minutes past 6

b



20 minutes past 3

c

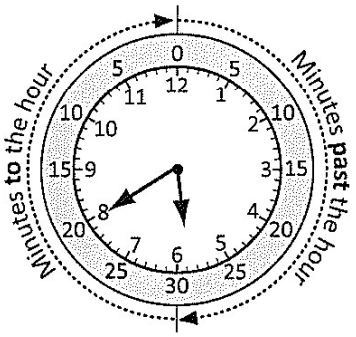


10 minutes past 9

Telling time – five minute intervals to the hour

When the minute hand has passed 30 instead of saying the number of minutes **after** the hour, you can say the number of minutes **before** the next hour.

20 to 6



1 **Label the clocks:**

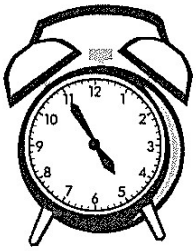
a

___ minutes to ___

b

___ minutes to ___

c

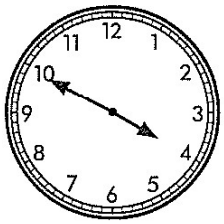


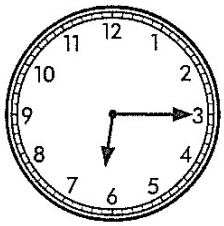
___ minutes to ___

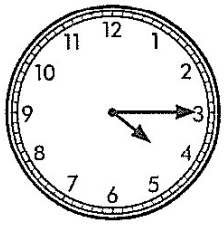
d

___ minutes to ___

2 **Connect each clock to its time label with a line.**







15 past 4

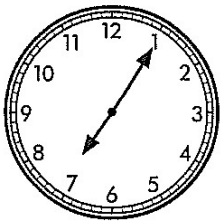
20 to 3

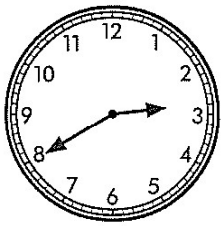
10 to 4

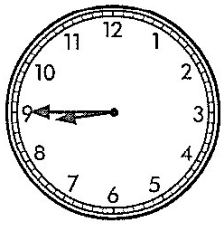
5 past 7

15 to 9

15 past 6







Telling time – digital

Digital time is always read as minutes past the hour.
This digital time could be read as 24 minutes past 8 *or* eight twenty four.

1 **Write the times that these digital clocks are showing:**

a 

____ past ____

b 

____ past ____

c 

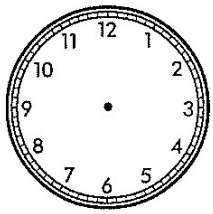
____ past ____

d 

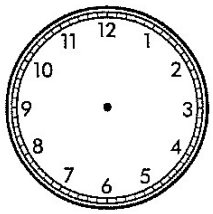
____ past ____

2 **Draw the times on the clock faces and show the digital time below:**

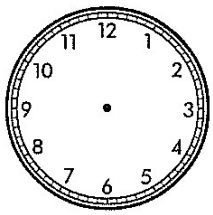
a half past nine



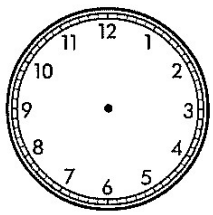
b twenty past one



c ten past four

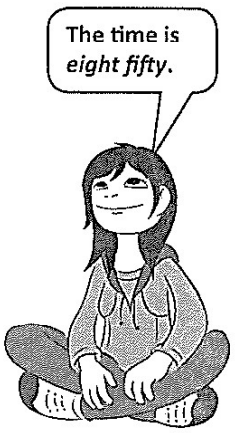


d quarter past six

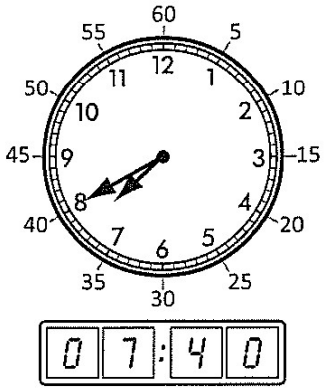


3 **Complete the table to match how we say digital time to what it means:**

	Digital time	How we say it	What it means
a		six oh nine	
b			
c			
d			



Telling time – digital



In digital time, when it is later than half past the hour, we can tell how long it is until the next o'clock.

This time says 7:40 which means after another 20 minutes it will be 8:00. This makes sense because there are 60 minutes in an hour. 40 + 20 = 60

7:40 + 20 minutes = 8:00

4 **How many minutes until the next o'clock?**

a 6:50 + _____ minutes = 7:00

b 2:40 + _____ minutes = 3:00

c 1:35 + _____ minutes = 2:00

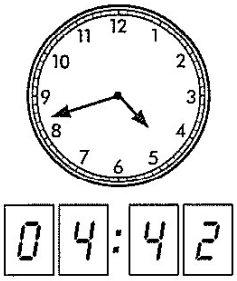
d 9:45 + _____ minutes = 10:00

e 4:55 + _____ minutes = 5:00

f 10:50 + _____ minutes = 11:00

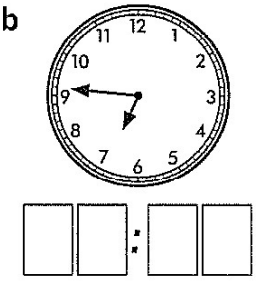
5 **Write the times shown on the clocks in digital form then calculate how many minutes until the next hour. The first one has been done for you.**

a



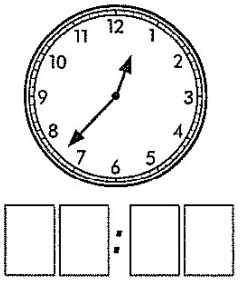
18 minutes to 5

b



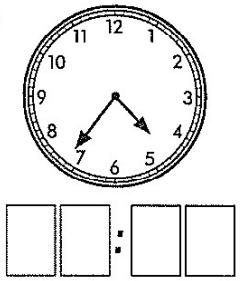
___ minutes to ___

c



___ minutes to ___

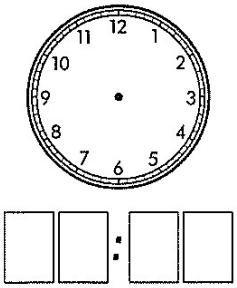
d



___ minutes to ___

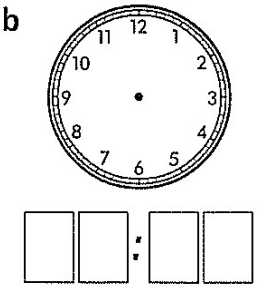
6 **Read how many minutes there are until the next hour. Show this time on the clock face and in digital form.**

a



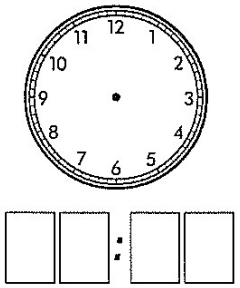
16 minutes to 3

b



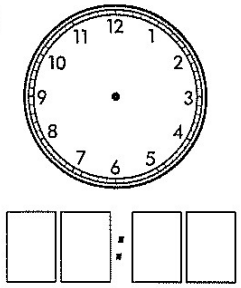
20 minutes to 8

c



25 minutes to 10

d



17 minutes to 8

Measuring time – time facts

It is important to learn these time facts:

60 seconds = 1 minute	52 weeks = 1 year
60 minutes = 1 hour	12 months = 1 year
24 hours = 1 day	365 days = 1 year
7 days = 1 week	366 days = 1 leap year
14 days = 1 fortnight	

1 **How many days are there in:**

a 2 weeks = _____ days **b** 1 leap year = _____ days **c** 48 hours = _____ days

2 **Calculate the number of hours in:**

a 120 minutes = _____ hours **b** 2 days = _____ hours

c 180 minutes = _____ hours **d** 1 week = _____ hours

3 **Write these minutes as hours and minutes:**

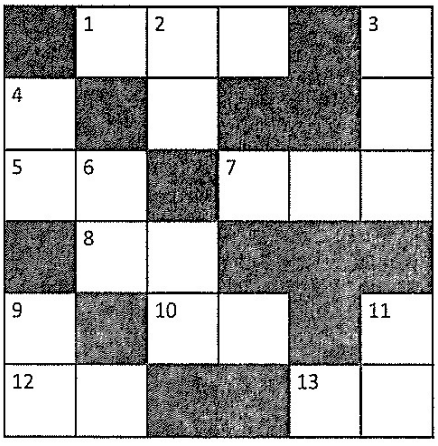
a 120 minutes = _____ hours _____ minutes **b** 150 minutes = _____ hours _____ minutes

c 200 minutes = _____ hours _____ minutes **d** 85 minutes = _____ hours _____ minutes

4 **Use what you know about time relationships to complete this cross number puzzle:**

Across

1 Days in a leap year
5 Weeks in a year
7 Hours in 10 days
8 Hours in $\frac{1}{2}$ day
10 Minutes in $\frac{3}{4}$ hour
12 Hours in 2 days
13 Minutes in 1 hour



Down

2 Seconds in 1 minute
3 Minutes in 1 hour and 40 minutes
4 Minutes in $\frac{1}{4}$ hour
6 Days in 3 weeks
9 Days in a fortnight
11 Minutes in $\frac{1}{2}$ hour

Measuring time – calendars

30 days has September, April, June and November. All the rest have 31 days, except February alone which has 28 days clear and 29 days in each leap year.

1 **Fill in the missing dates on this calendar:**

January 2010

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February 2010

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	

March 2010

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

April 2010

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20					

May 2010

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20			

June 2010

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

2 **What day of the week are the following dates:**

a 11th April _____

b 23rd June _____

c 2 weeks after 15th January

_____

d 3 weeks after 6th February

_____

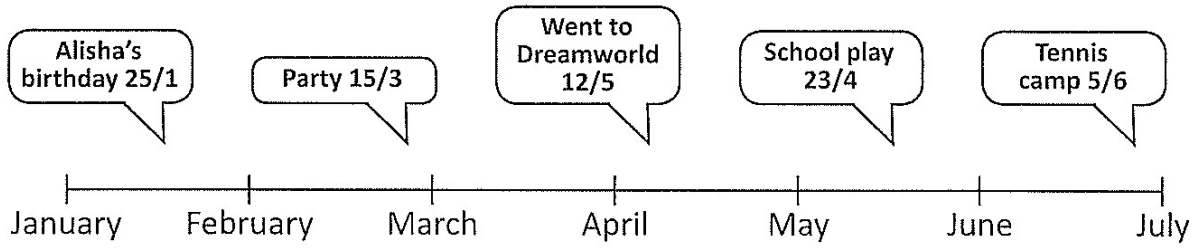
e 1 week and 4 days after 7th May

_____

f 9 days after 30th January

_____

3 **Connect each date with a line to the timeline below:**



Measuring time – timetables

Timetables are often used to schedule public transport.

1 **Use the timetable to answer the questions below:**

Station	Time				
Burwood	5:20	5:27	5:50	7:17	8:26
Croydon	-	-	6:00	7:27	8:36
Ashfield	5:35	5:42	6:05	7:32	8:41
Summer Hill	-	6:12	7:39	8:48	8:53
Lewisham	5:48	5:55	6:18	7:45	8:54

a What time does the 10 to 6 train from Burwood arrive at Ashfield? _____

b I have just missed the 5:35 train from Ashfield. How long do I have to wait until the next train? _____

c I live in Croydon and I want to get to Lewisham by 6:30. Which train should I get? _____

2 **Answer the questions below about this TV guide:**

Time	7:00–8:00 pm	8:00–9:00 pm		9:00–10:00 pm	10:00–11:00 pm
Channel 1	News	Current Affairs		Soccer Finals	Late News
Channel 2	Days of Us	Fashion Watch	TV Bloopers	Movie: Ghost Busters	Movie Reviews
Channel 3	News	History of Gold		The Car Show	Late Night Movie

a What time does Current Affairs on Channel 1 start? _____

b How long is the History of Gold on Channel 3? _____

c How long do the Soccer Finals go for? _____

d What time does TV Bloopers start? _____

e Alicia watches too much TV. If she watched Fashion Watch, TV Bloopers and then the movie Ghost Busters, how long was she in front of the box for? _____

Getting ready

Five friends were all born in the same year. Read the clues to work out the month and day of the week that each person was born.

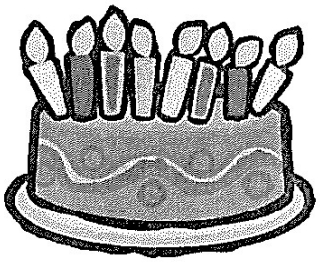
Names: Max, Liam, Harriet, Stefan, Leonie

Days: Monday, Tuesday, Thursday, Saturday, Sunday

Months: March, June, July, November, December

What to do

Clues:



1 Max was born in March but not on a Tuesday.

2 His brother was born in November on a Thursday.

3 Liam was born on the weekend in the month after June.

4 One of the girls was born on Sunday in December.

5 Harriet was born one day after Max.

6 Stefan was born on the day of the week 2 days after Harriet in the month before December.

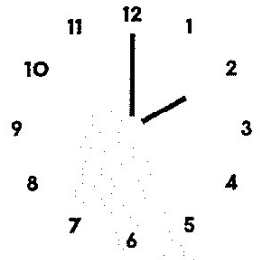
7 The child born on Monday was born in March.

Name	Day of the week	Month
Max		
Stefan		
Liam		
Harriet		
Leonie		

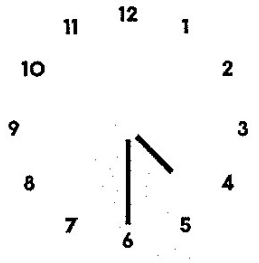
Name _____ Date _____

Telling Time to the Minute

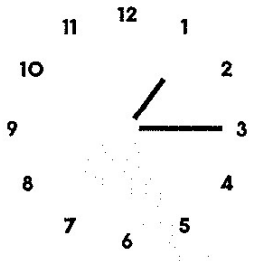
Write the digital times for the analogue clocks below. All times are 'am' times.



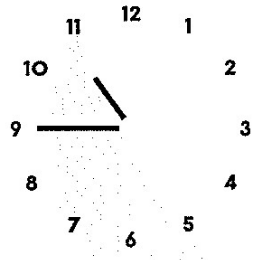
1. _____



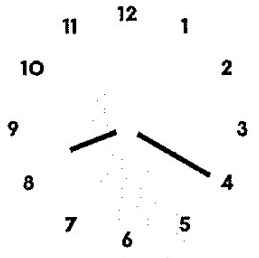
2. _____



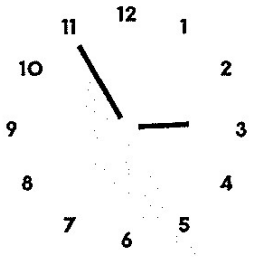
3. _____



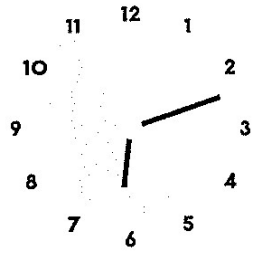
4. _____



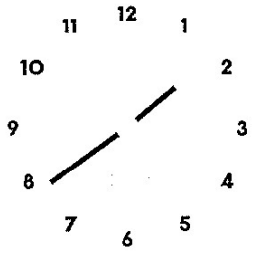
5. _____



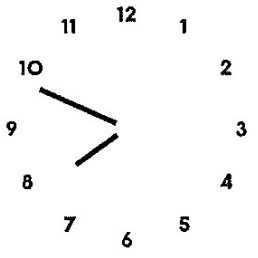
6. _____



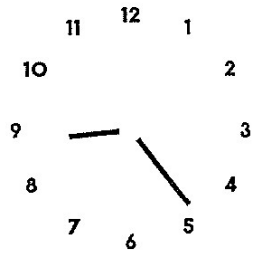
7. _____



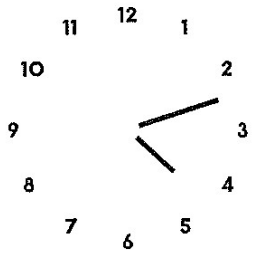
8. _____



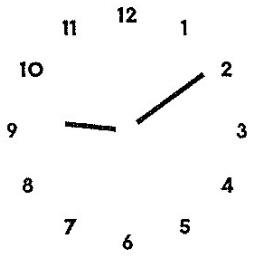
9. _____



10. _____



11. _____



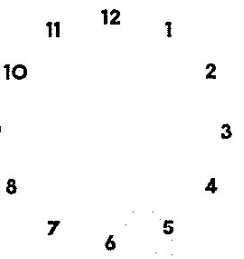
12. _____

Name _____ Date _____

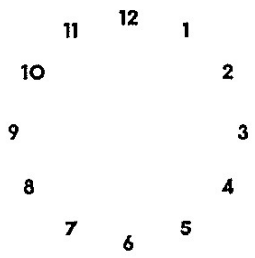
Telling Time to the Minute

Draw the analogue times for the digital clocks below. All times are 'am' times.

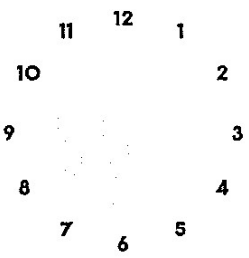
1. 7:00



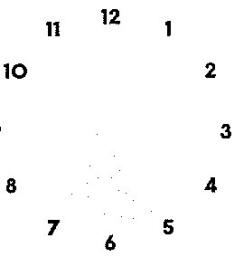
2. 8:30



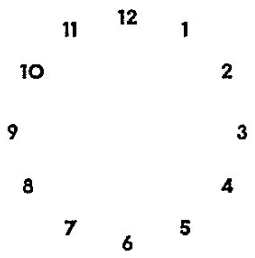
3. 6:15



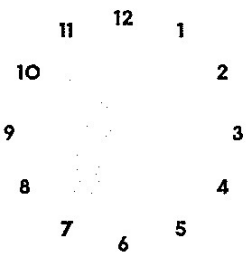
4. 11:45



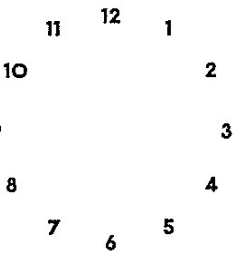
5. 12:20



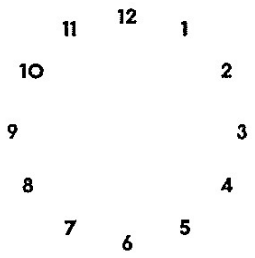
6. 10:35



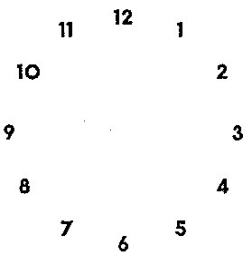
7. 2:31



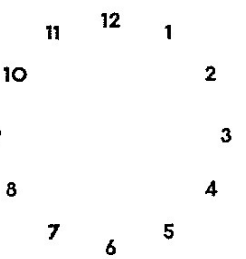
8. 1:39



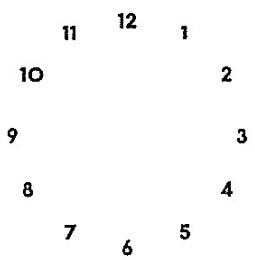
9. 3:14



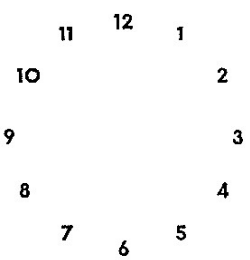
10. 5:22



11. 9:17



12. 4:53



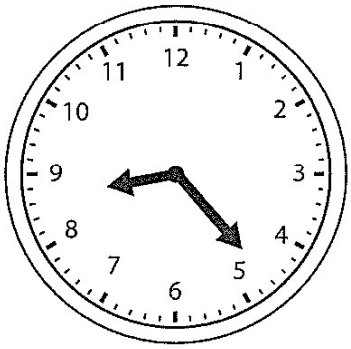
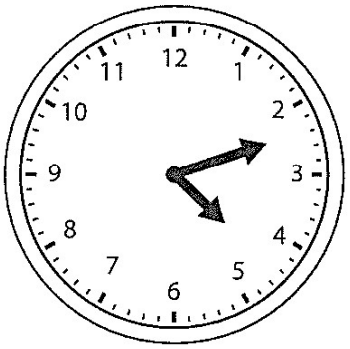
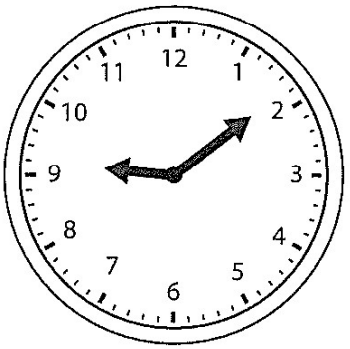
Name _____ Date _____

The Test of Time

This assessment will evaluate what you have learned about time.

- Read the questions carefully.
- Underline important information in the questions.
- Remember to show your working.

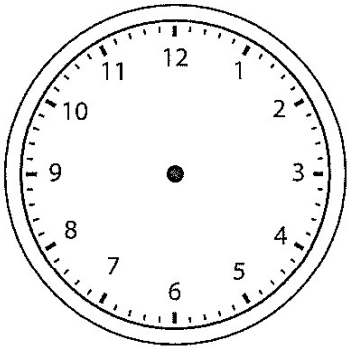
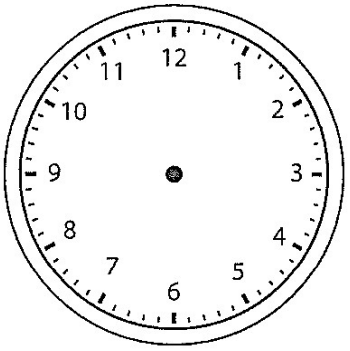
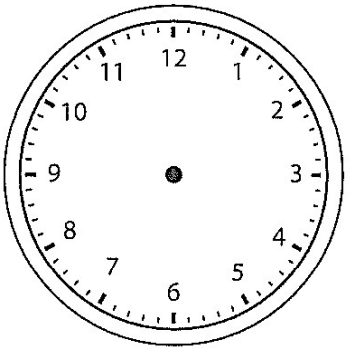
1. Write the digital times for the analogue clocks below. All times are 'am' times.

a) _____ b) _____ c) _____

2. Draw the analogue times for the digital clocks below.

a) 8:22 b) 9:17 c) 4:53

3. Complete the following statements.

a) There are _____ seconds in 1 minute.

b) There are 60 _____ in one hour.