14. [Time]

- Say the days of the week in order.

  Example: If today is Wednesday, consider the days yesterday and tomorrow. Yesterday was Tuesday, tomorrow will be Thursday.

  Sunday
  Monday
  Tuesday   ⟷ yesterday
  Wednesday ⟷ today
  Thursday   ⟷ tomorrow
  Friday
  Saturday

Q. Which day comes after Thursday?   **A.** *Friday*

a) Which day comes before Wednesday?   Tuesday

b) Which day comes after Saturday?

c) Which day comes before Tuesday?

d) Which day comes after Wednesday?

e) Today is Tuesday. What day is tomorrow?

f) Yesterday was Tuesday. What day is today?

g) Tomorrow is Saturday. What day was it yesterday?

h) Which day is the last day of the weekend?

i) A week ago was Friday. What day is it today?

j) Tomorrow is Sunday. What day was it yesterday?

k) Today is Saturday. What day was it a week ago?

l) Yesterday was Sunday. What day is tomorrow?

Skill 14.2   Using calendars to identify a date or a day of the month.

MM2.2 1 **1** 22 33 44
MM3.1 **1** 1 22 33 44

Q. Which day of the week is Christmas Day in 2021?

A. *Saturday*

DECEMBER - 2021

Sun	Mon	Tue	Wed 1	Thu 2	Fri 3	Sat 4
Sun 5	Mon 6	Tue 7	Wed 8	Thu 9	Fri 10	Sat 11
Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18
Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25
Sun 26	Mon 27	Tue 28	Wed 29	Thu 30	Fri 31	Sat

DECEMBER - 2021

Sun	Mon	Tue	Wed 1	Thu 2	Fri 3	Sat 4
Sun 5	Mon 6	Tue 7	Wed 8	Thu 9	Fri 10	Sat 11
Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18
Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25 — *Saturday*
Sun 26	Mon 27	Tue 28	Wed 29	Thu 30	Fri 31	Sat

a) How many Tuesdays in September 2021?

SEPTEMBER - 2021

Sun	Mon	Tue	Wed 1	Thu 2	Fri 3	Sat 4
Sun 5	Mon 6	Tue 7	Wed 8	Thu 9	Fri 10	Sat 11
Sun 12	Mon 13	Tue 14	Wed 15	Thu 16	Fri 17	Sat 18
Sun 19	Mon 20	Tue 21	Wed 22	Thu 23	Fri 24	Sat 25
Sun 26	Mon 27	Tue 28	Wed 29	Thu 30	Fri	Sat

4

b) How many weekends in October 2021?

OCTOBER - 2021

Sun	Mon	Tue	Wed	Thu	Fri 1	Sat 2
Sun 3	Mon 4	Tue 5	Wed 6	Thu 7	Fri 8	Sat 9
Sun 10	Mon 11	Tue 12	Wed 13	Thu 14	Fri 15	Sat 16
Sun 17	Mon 18	Tue 19	Wed 20	Thu 21	Fri 22	Sat 23
Sun 24	Mon 25	Tue 26	Wed 27	Thu 28	Fri 29	Sat 30
Sun 31	Mon	Tue	Wed	Thu	Fri	Sat

c) Mark this birthday with a cross.

Barack Obama - 4th of August

AUGUST - 2021

Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6	Sat 7
Sun 8	Mon 9	Tue 10	Wed 11	Thu 12	Fri 13	Sat 14
Sun 15	Mon 16	Tue 17	Wed 18	Thu 19	Fri 20	Sat 21
Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27	Sat 28
Sun 29	Mon 30	Tue 31	Wed	Thu	Fri	Sat

d) How many week days in June 2021?

JUNE - 2021

Sun	Mon	Tue 1	Wed 2	Thu 3	Fri 4	Sat 5
Sun 6	Mon 7	Tue 8	Wed 9	Thu 10	Fri 11	Sat 12
Sun 13	Mon 14	Tue 15	Wed 16	Thu 17	Fri 18	Sat 19
Sun 20	Mon 21	Tue 22	Wed 23	Thu 24	Fri 25	Sat 26
Sun 27	Mon 28	Tue 29	Wed 30	Thu	Fri	Sat

e) Which day of the week is the first day of February 2021?

FEBRUARY - 2021

Sun	Mon 1	Tue 2	Wed 3	Thu 4	Fri 5	Sat 6
Sun 7	Mon 8	Tue 9	Wed 10	Thu 11	Fri 12	Sat 13
Sun 14	Mon 15	Tue 16	Wed 17	Thu 18	Fri 19	Sat 20
Sun 21	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27
Sun 28	Mon	Tue	Wed	Thu	Fri	Sat

f) What is the date that Ramadan begins in 2021?

APRIL - 2021

Sun	Mon	Tue	Wed	Thu 1	Fri 2	Sat 3
Sun 4	Mon 5	Tue 6	Wed 7	Thu 8	Fri 9	Sat 10
Sun 11	Mon 12	Tue 13 *Ramadan*	Wed 14	Thu 15	Fri 16	Sat 17
Sun 18	Mon 19	Tue 20	Wed 21	Thu 22	Fri 23	Sat 24
Sun 25	Mon 26	Tue 27	Wed 28	Thu 29	Fri 30	Sat

- Say the months of the year in order.
- Say the seasons in order.
- Match the seasons to the months of the year.
- Learn the rhyme: *"30 days have September, April, June and November, all the rest have 31 except for February alone which has 28 days clear and 29 in each leap year."*

OR Use your knuckles!

Months with 31 days are on the knuckles.

Summer	January
	February
Autumn	March
	April
	May
Winter	June
	July
	August
Spring	September
	October
	November
Summer	December

Q. Which month comes before March?

A. *February*

a) What is the 2nd month of the year?

February

b) How many days in May?

c) Which month comes after August?

d) In Wellington, which season is in March, April and May?

e) How many days in February, in a leap year?

f) How many days in April?

g) It is January in Christchurch. Which season are we in?

h) In Auckland, which season is in September, October and November?

i) My birthday is on the 22/11/1958. In which month was I born?

j) Which month comes before August?

k) How many days in October?

l) How many months in the year?

Skill 14.4   Telling the time by using 'past' and 'to' (1).

MM2.2 11 22 33 44
MM3.1 11 22 33 44

- Check the position of the big hand.
  Hint: Apart from pointing to 12 or 6 the big hand on a clock can point either right or left.

PAST - right	TO - left
between 12 (o'clock) and 6 (half past)	between 6 (half past) and 12 (o'clock)
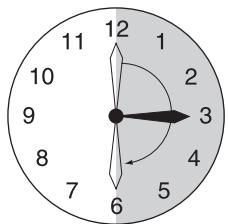
past

to
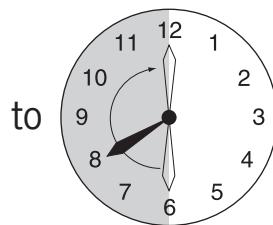
Q. Use 'to' or 'past' to complete the time.
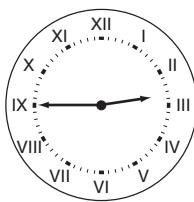
A quarter [   ] three.

A. *to*

to

The big hand is on the IX (9).
This is on the 'to' side of the clock.

---

a) Use 'to' or 'past' to complete the time.
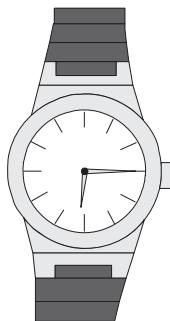
A quarter | **past** | six.

b) Use 'to' or 'past' to complete the time.

Twenty-five [   ] twelve.

c) Use 'to' or 'past' to complete the time.
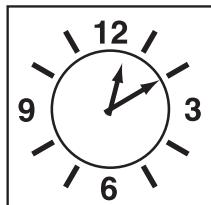
Ten [   ] twelve.

d) Use 'to' or 'past' to complete the time.

Five [   ] ten.

Skill 14.4   Telling the time by using 'past' and 'to' (2).

MM2.2 11 22 33 44
MM3.1 11 22 33 44

e) Use 'to' or 'past' to complete the time.

Twenty ☐ two.

f) Use 'to' or 'past' to complete the time.

Twenty-five ☐ nine.

g) Use 'to' or 'past' to complete the time.

Five ☐ five.

h) Use 'to' or 'past' to complete the time.
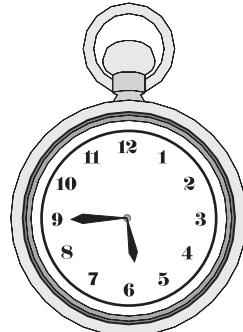
A quarter ☐ six.

i) Use 'to' or 'past' to complete the time.
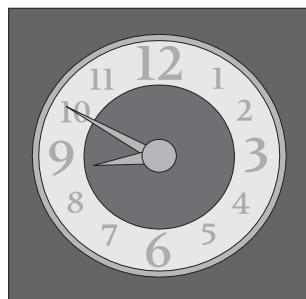
Ten ☐ nine.

j) Use 'to' or 'past' to complete the time.
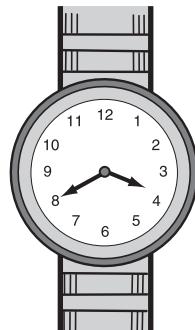
Twenty ☐ four.

To show o'clock:
* Draw the big (minute) hand pointing to the **12**.
* Draw the little (hour) hand pointing to hour given.
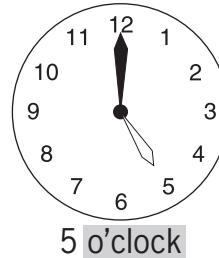
5 o'clock

To show half past:
* Draw the big hand pointing to the **6**.
* Draw the little hand pointing half way past the given hour and toward the next hour.
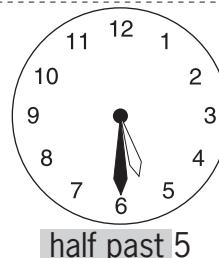
half past 5

To show a quarter past:
* Draw the big hand pointing to the **3**.
* Draw the little hand pointing one quarter of the way past the given hour and toward the next hour.
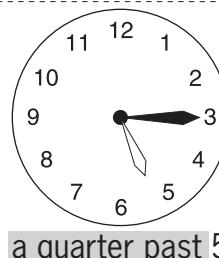
a quarter past 5

To show a quarter to:
* Draw the big hand pointing to the **9**.
* Draw the little hand pointing one quarter of the way backwards from the given hour and three quarters of the way from the hour before.

a quarter to 6

To show other times:
* Count by 5s starting from 12.
* Draw the big hand pointing to the number that tells the minutes.

Showing 'past'
* Draw the little hand pointing
 past the number that tells the hour.

Showing 'to'
* Draw the little hand pointing
  before the number that tells the hour.

Count clockwise (⌒) if the time is PAST

5 min
10 min
15 min
20 min
25 min
30 min
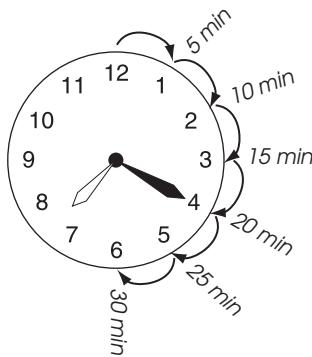
"Twenty minutes past seven"

Count anticlockwise (⌒) if the time is TO

5 min
10 min
15 min
20 min
25 min
30 min
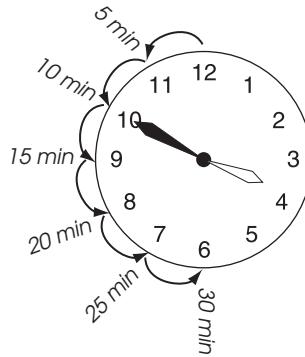
"Ten minutes to four"

**Q.** Draw hands on the clock to show half past nine.
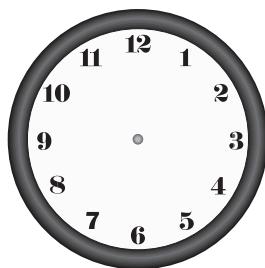
A. Half past means the big hand is on the 6.

Past nine means the little hand is past the nine and halfway to the 10.

a) Draw hands on the clock to show three o'clock.
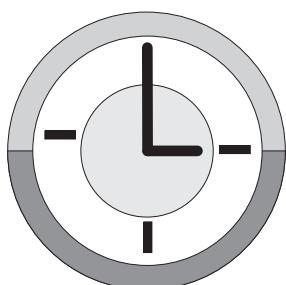
**b)** Draw hands on the clock to show a quarter to three.
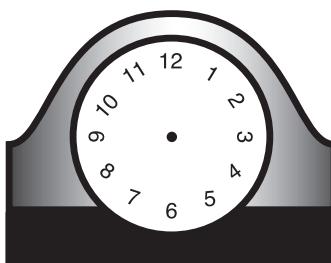
c) Draw hands on the clock to show a quarter past eight.
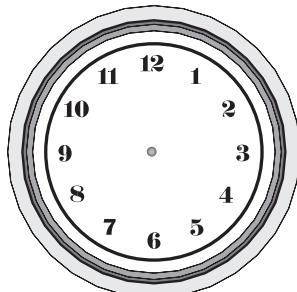
d) Draw hands on the clock to show twenty-five past two.
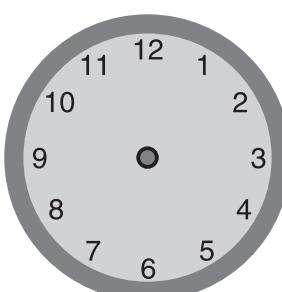
e) Draw hands on the clock to show ten past eleven.
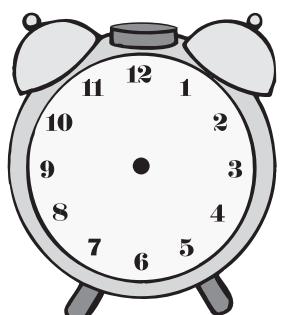
f) Draw hands on the clock to show twenty to seven.

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Digital time

9 hours — 9:25 — *25 minutes*
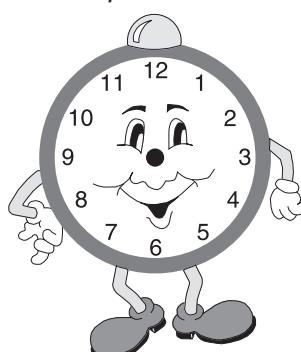
Read as: "nine twenty-five"
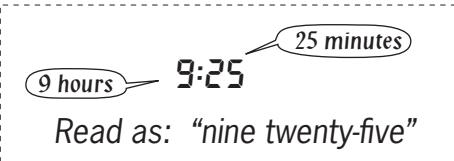
Analogue to Digital time

- Draw the time on a clock face (if needed).
- Write the last hour that the little hand has past.
- Start counting the minutes by 5s from 12.
- Write the number of minutes that the big hand is on.

Example: Twenty-five past nine becomes *"9:25"*
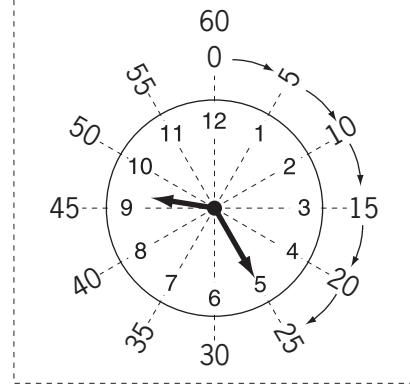
Digital to Analogue time

Minutes from 00 to 30:

- Check the number of minutes on the digital clock.

    00   o'clock
    15   a quarter past
    30   half past
    Less than 30   just read the minutes

- Write the minutes past the hour.

Example: 9:25
        Minutes   25
        Hours   9
        "Twenty-five minutes past nine"
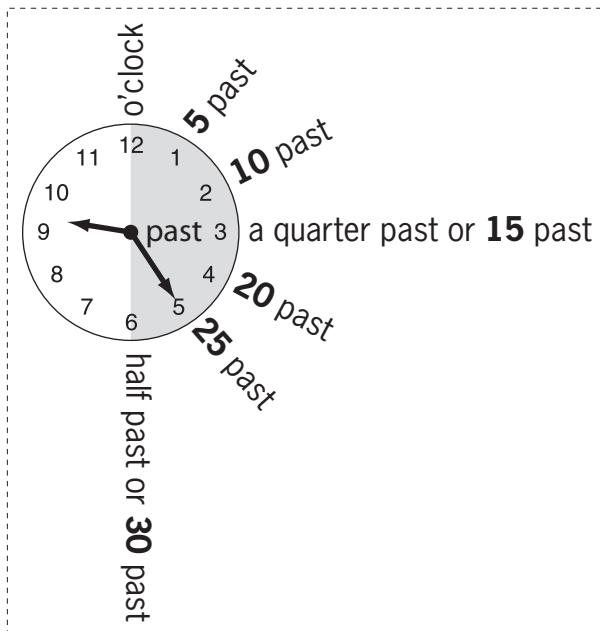
Minutes from 30 to 60:

- Check the number of minutes on the digital clock.

    45   a quarter to
    Greater than 30   subtract the number from 60

- Write the resulting minutes to the next hour.

Example: 7:50
        Minutes   60 – 50 = 10
   Hours   The next hour is 8.
        "Ten minutes to eight"
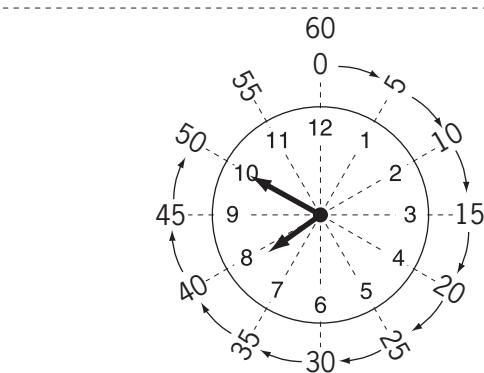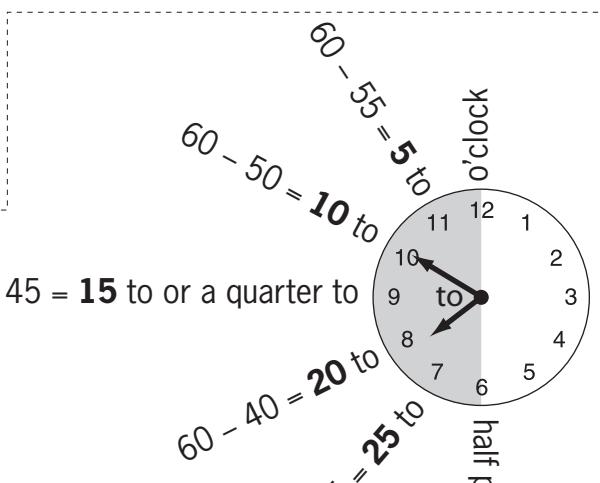
Q. Which time is a quarter past eight?

A) 8:15
B) 8:50
C) 8:30

A. *A*

A quarter past means 15 minutes after 8. So the time is 8:15
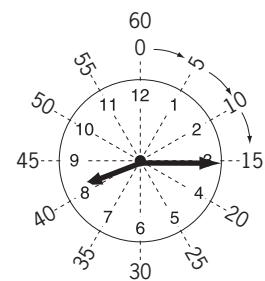
a) Which time is twenty past two?

A) 2:20
B) 2:00
C) 2:15

A

b) Which time is half past ten?

A) 10:30
B) 10:45
C) 10:00

c) Which time is a quarter to four?

A) 4:45
B) 3:45
C) 5:45

d) Which time is five to seven?

A) 7:05
B) 6:55
C) 6:05

e) Which time is nineteen minutes past three?

A) 3:41
B) 3:15
C) 3:19

**f)** Which time is twenty to nine?

A) 8:40
B) 8:20
C) 9:20

g) Which time is shown on the clock?

A) 1:15
B) 3:00
C) 12:15

h) Which time is shown on the clock?

A) 9:25
B) 5:45
C) 4:45
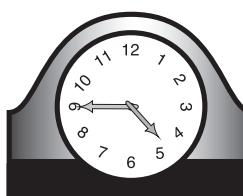
i) Which time is shown on the clock?

A) 6:10
B) 5:10
C) 5:50

j) Which time is shown on the clock?

A) 11:35
B) 6:55
C) 11:25

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k) Show five o'clock in the morning in digital time.

    :

l) Show half past eleven in the morning in digital time.

    :

m) Show twenty-five past eleven in the morning in digital time.

    :

n) Show a quarter past twelve in the afternoon in digital time.

    :

o) Show twenty minutes past ten in the morning in digital time.

    :

p) Show five minutes past four in the morning in digital time.

    :

q) Show eleven minutes to eleven in the morning in digital time.

    :

r) Show thirteen minutes to five in the afternoon in digital time.

    :

s) 8:20 am means twenty past eight in the morning.

True or false?

t) 6:45 am means a quarter to six in the morning.

True or false?

u) 11:15 am means a quarter past one in the morning.

True or false?

v) 4:20 am means twenty to five in the morning.

True or false?

w) 7:23 am means twenty-three past seven in the morning.

True or false?

x) 7:55 am means five to eight in the morning.

True or false?

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Skill 14.7   Expressing digital and analogue time in words (1).

MM2.2 1 1 2 2 3 3 4 4 **4**
MM3.1 1 1 2 2 3 **3** 4 4

To write the digital time in words

- Read the time out loud.
- Write what you have said.

  Example: *12: 15*

     "Twelve fifteen"

To write the analogue time in words

- Write:

"five o'clock"	*"a quarter past eight"*	*"half past ten"*	*"a quarter to two"*

- Write **"past"** the hour if the big hand is in the right half of the clock.
  Example: *"twenty past eight"*.
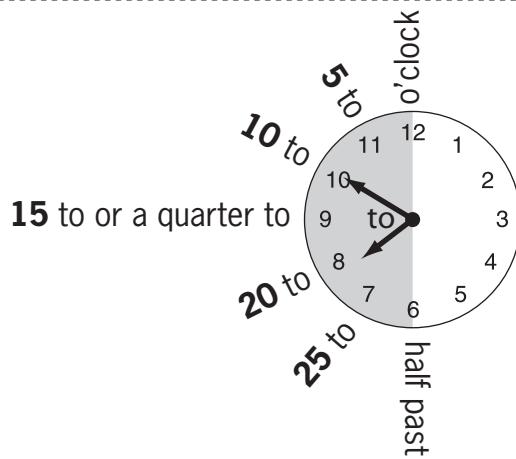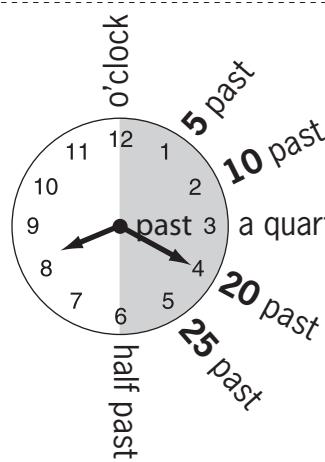
- Write **"to"** the next hour if the big hand is in the left half of the clock.
  Example: *"ten to eight"*.
  Hints: According to the big hand a jump to the next number shows 5 more minutes. According to the little hand a jump to the next number shows 1 more hour.

Q. Write the time 7:30 in words.

A. ***seven thirty***
or
half past seven

a) Write the time 10:00 in words.

    ten o'clock

b) Write the time 9:15 in words.

Skill 14.7   Expressing digital and analogue time in words (2).

MM2.2 1 1 2 2 3 3 4 **4**
MM3.1 1 1 2 2 3 **3** 4 4

c) Write the time 3:24 in words.

d) Write the time 1:25 in words.

e) Write the time 4:45 in words.

f) Write the time 6:45 in words.

g) Write the time shown in words.
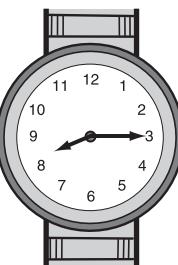
h) Write the time shown in words.

i) Write the time shown in words.

j) Write the time shown in words.

k) Write the time shown in words.

l) Write the time shown in words.

Skill 14.7   Expressing digital and analogue time in words (3).

MM2.2 1 1 2 2 3 3 4 **4**
MM3.1 1 1 2 2 3 **3** 4 4

m) Write the time 7:20 in words.

n) Write the time 8:10 in words.

o) Write the time 5:40 in words.

p) Write the time 4:52 in words.

q) Write the time 11:55 in words.

r) Write the time 5:20 in words.

s) Write the time shown in words.
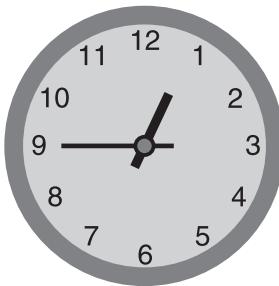
t) Write the time shown in words.
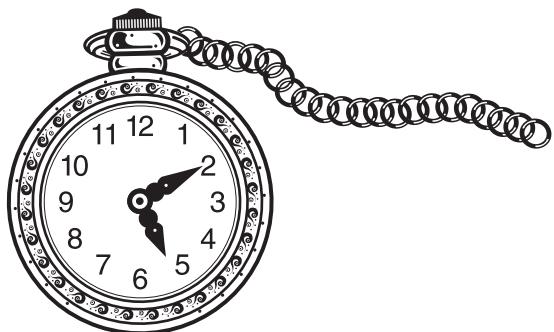
u) Write the time shown in words.

v) Write the time shown in words.

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Q. Gus takes the 8:00 am bus to Canberra. What time does he get there?

greyhound Australia

Sydney	6:00 am	8:00 am	3:30 pm
Canberra	9:15 am	11:45 am	8:00 pm

A. *11:45 am*

Find 8:00 am

greyhound Australia

Sydney	6:00 am	8:00 am	3:30 pm
Canberra	9:15 am	11:45 am	8:00 pm

Check across from Canberra

a) Charlie does jazz class. What time does he finish?

SYDANCEY COMPANY

Time	Style	
9:30 am - 11:00 am	Ballet	Beginner
11:00 am - 12:30 pm	Contemporary	Intermediate
6:30 pm - 8:00 pm	Stretch	Open
6:30 pm - 8:00 pm	Jazz	Beginner
6:30 pm - 8:00 pm	Lyrical	Intermediate
6:30 pm - 8:00 pm	Ballet	Intermediate

8:00 pm

b) How long should it take to travel between North Sydney and Wynyard stations?

NSW Transport CityRail

North Shore Line	
North Sydney	10:57 am
Milsons Point	10:59 am
Wynyard	11:03 am

minutes

c) Which show begins at 5:03 pm?

ABC

Sydney TV Guide

4:16 pm	Pat and Stan
4:28 pm	Oggy and the Cockroaches
4:40 pm	Pink Panther and Pals
5:03 pm	Bolts & Blip
5:30 pm	Black Hole High

d) How long does it take to get from Melbourne to Bordertown?

greyhound Australia

Melbourne	8:15 pm
Bordertown	2:15 am
Adelaide	6:00 am
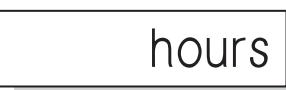
hours

e) For how many days is Luna Park closed in February?

February - 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			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			

Opening hours
- 7pm - 11pm
- 11am - 6pm
- 11am - 11pm
- 11am - 8pm
- Closed

days

f) Which ferry number would take the shortest time?

Irishferries.com

Dublin (Ireland) - Holyhead (Britain)

Ferry	Departure	Arrival
1	8:05 am	11:30 am
2	8:45 pm	10:45 pm
3	2:00 pm	4:30 pm
4	8:55 pm	12:20 am

Hint: Conversion Facts   *1 year = 12 months = 52 weeks = 365 days*
1 fortnight = 2 weeks
1 week = 7 days
1 day = 24 hours
1 hour = 60 minutes
1 minute = 60 seconds

Q. Write in minutes.

420 seconds = | minutes |

A. *420 seconds =* ***7 minutes***

To convert seconds to minutes, make groups of 60.

a) Write in weeks.

7 days = | 1 week |

b) Write in seconds.

2 minutes = | seconds |

c) Write in days.

4 weeks = | days |

d) Write in hours.

180 minutes = | hours |

e) Write in hours.

2 days = | hours |

f) Write in seconds.

3 minutes = | seconds |

g) Circle the longest time.

30 minutes

3 hours   300 seconds

h) Circle the shortest time.

3 hours

150 minutes   1 day

i) Circle the longest time.

1 year

300 days   60 weeks

j) Circle the shortest time.

30 hours

1 week   1 day

k) Circle the shortest time.

300 seconds

6 minutes   2 days

l) Circle the longest time.

3 weeks

14 days   1 month

m) Write in seconds.

10 minutes = | seconds |

n) Write in seconds.

5 minutes = | seconds |

o) Write in minutes.

360 seconds = | minutes |

p) Write in hours.

600 minutes = | hours |

q) Write in minutes.

6 hours = | minutes |

r) Write in minutes.

12 hours = | minutes |

s) Write in weeks.

14 days = | weeks |

t) Write in weeks.

280 days = | weeks |

u) Write in days.

5 weeks = | days |

v) Write in days.

240 hours = | days |

w) Write in hours.

3 days = | hours |

x) Write in days.

10 weeks = | days |

y) Circle the longest time.

2 days

40 hours   200 minutes

z) Circle the shortest time.

4 weeks

1 month   21 days

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