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# Series E – Time

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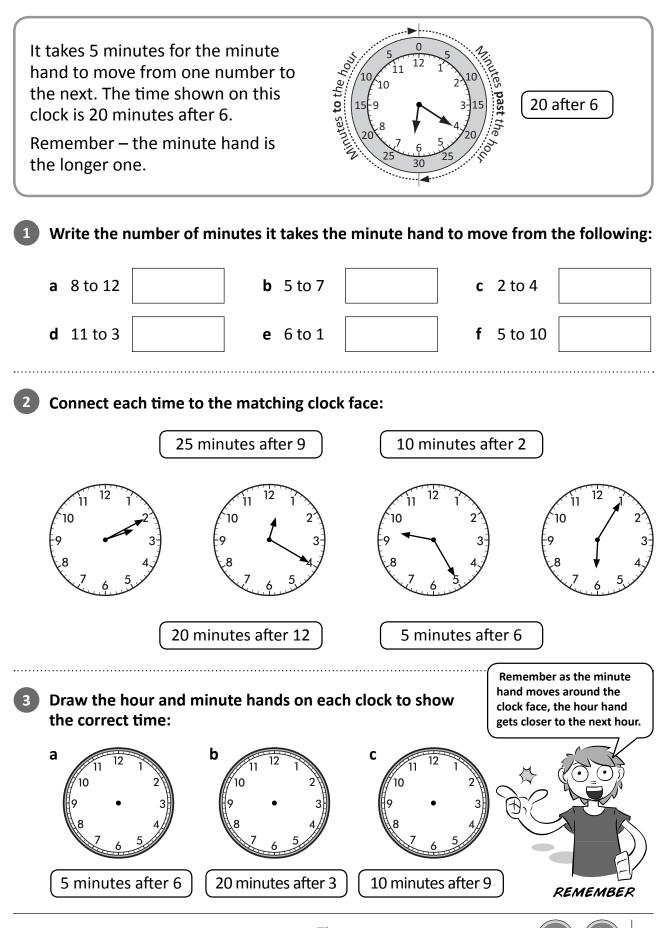
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# Telling time – five minute intervals after the hour



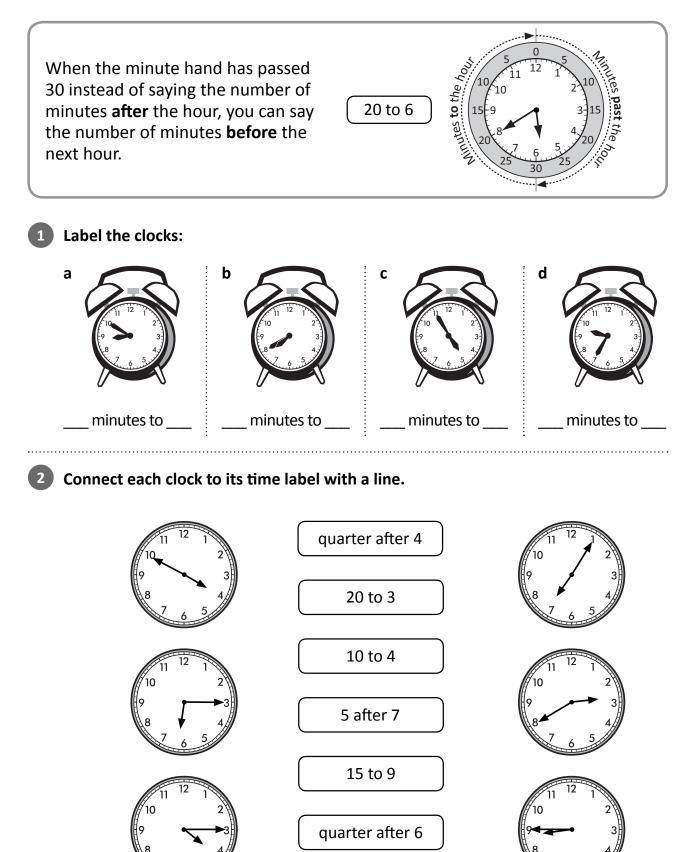
**Time** Copyright © 3P Learning

1

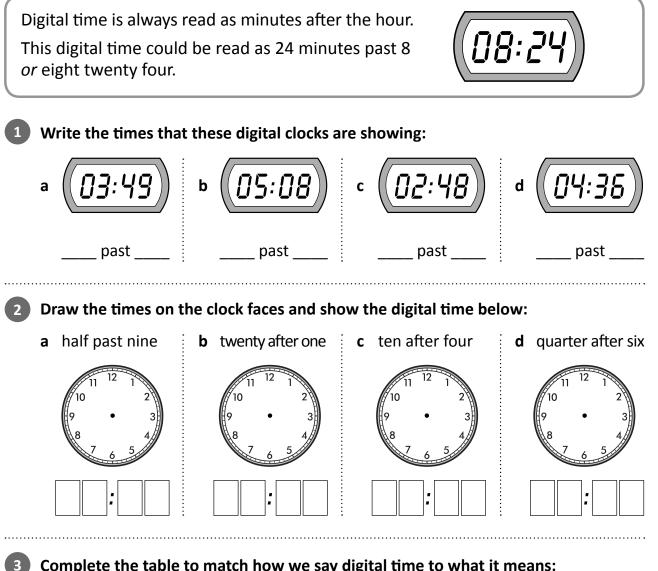
SERIES

TOPIC

# Telling time – five minute intervals to the hour



2



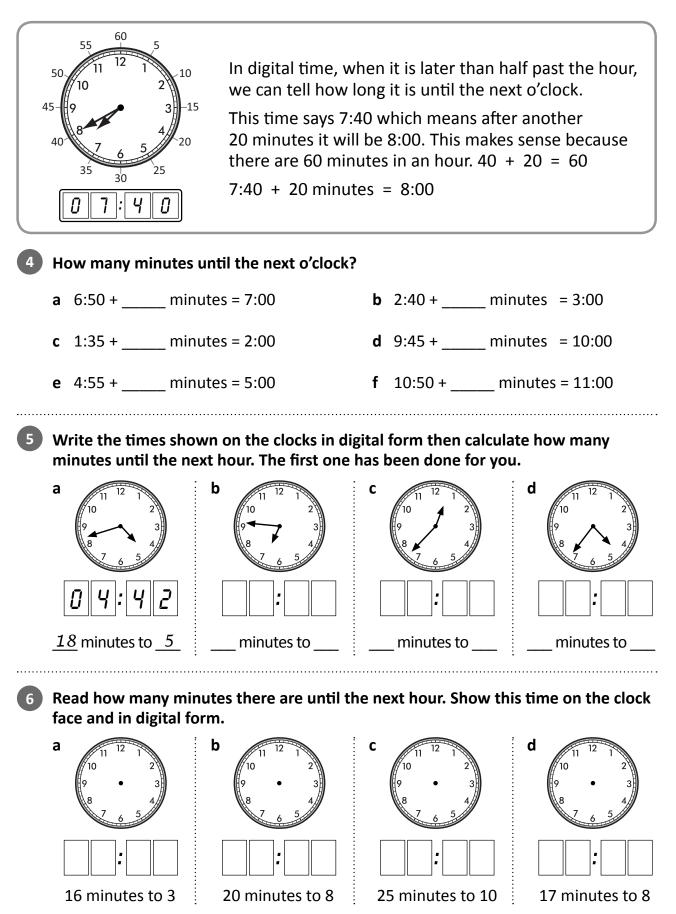
Complete the table to match how we say digital time to what it means:

	Digital time	How we say it	What it means
а	08:09	six oh nine	
b	03:42		
С	04:25		
d	07:48		

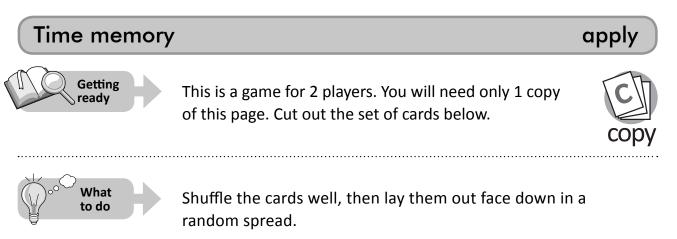




# Telling time – digital

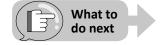






Take turns to turn over two cards at a time to find a matching pair. A pair matches if they both have the same time on them. Keep playing until all the cards are gone. The player with the most pairs wins.

			$\checkmark$
18 minutes to 4	03:42	02:45	$ \begin{array}{c} 11 & 12 \\ 10 & 2 \\ 9 & 3 \\ 8 & 7 & 6 & 5 \\ \end{array} $
30 minutes later than 1:15	01:45	$ \begin{array}{c} 11 \\ 12 \\ 12 \\ 2 \\ 8 \\ 7 \\ 6 \\ 5 \\ 12 \\ 3 \\ 3 \\ 4 \\ 7 \\ 6 \\ 5 \\ 12 \\ 3 \\ 3 \\ 4 \\ 7 \\ 6 \\ 5 \\ 12 \\ 3 \\ 3 \\ 4 \\ 7 \\ 6 \\ 5 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12$	(03:20)
01:35		(17:50)	
(02:27)	3 minutes until two thirty	20 minutes after 10	(10:20)
Half past 9	(09:30)	03:35	$ \begin{array}{c} 11 & 12 \\ 10 & 2 \\ 9 & 3 \\ 8 & 6 \\ 5 \\ \end{array} $
12:30	45 minutes earlier than 1:15	$ \begin{array}{c} 11 \\ 12 \\ 12 \\ 2 \\ 3 \\ 8 \\ 7 \\ 6 \\ 5 \\ 4 \\ 4 \\ 7 \\ 6 \\ 5 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12$	01:45



Add to this set of cards by writing your own matching time statements.



## Broken wrist watch



Holly has a wrist watch that only has an hour hand. The minute hand has fallen off. Although it is broken, Holly can still tell the time.

.....



Figure out the time of each of Holly's activities. Draw in the minute hand.









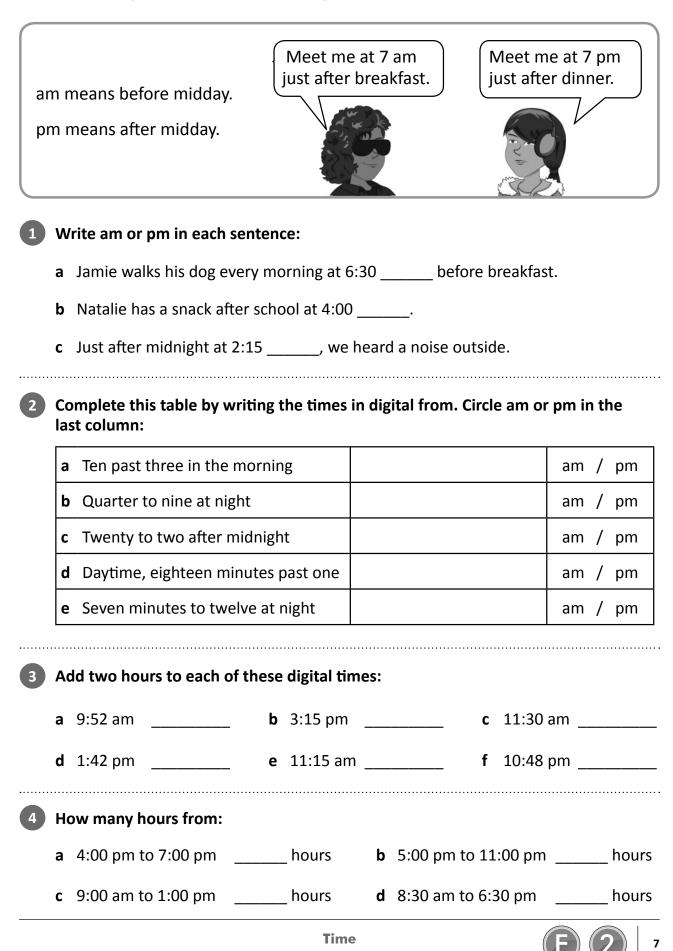




- a Holly gets up for school at \_\_\_\_\_\_.
- **b** She starts class at \_\_\_\_\_.
- c Her recess is at \_\_\_\_\_.
- **d** Lunch is at \_\_\_\_\_.
- e After school swimming training is at \_\_\_\_\_\_.
- **f** Bedtime is at \_\_\_\_\_.



## Measuring time – am and pm



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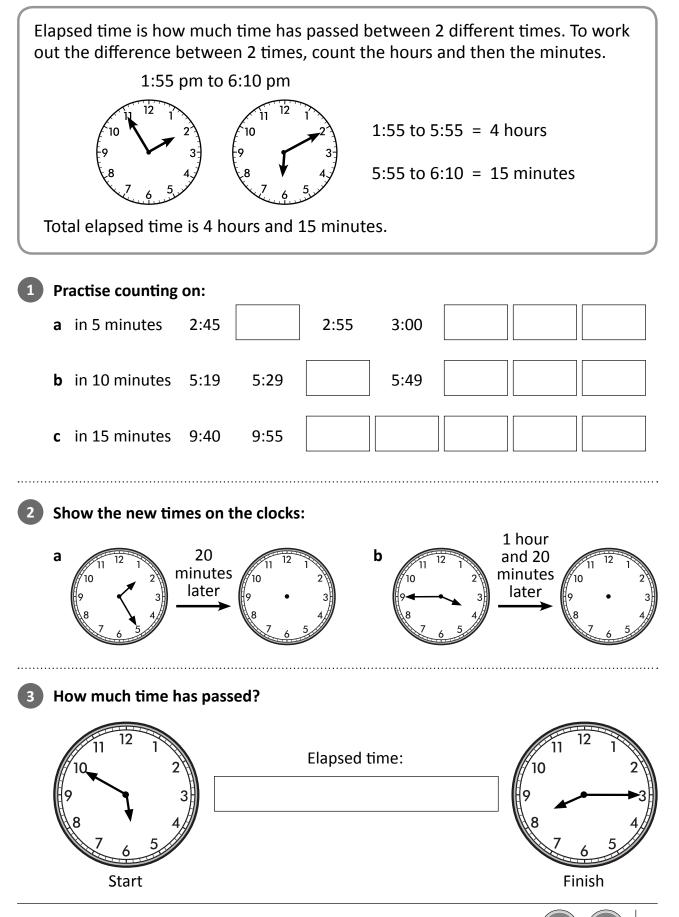
SERIES

TOPIC

# Measuring time – time facts

It is i	important to learn th	ese time f	facts:					
	60  seconds = 1  r	ninute	)		52 we	eeks = 1	year	
	60  minutes = 1  k	nour	)		12 mor	nths = 1	year	
	24 hours = 1 c	lay	)		365 c	days = 1	year	
	7 days = 1 v	veek	)		366 c	days = 1	leap year	
	14 days = 2 v	veeks	)					
1 На	ow many days are ther	e in:						
		L 4			- I - i			
а	2 weeks = days	D 1	leap y	ear = _	day	/s <b>c</b>	48 nours =	days
<b>2</b> Ca	lculate the number of	hours in:						
а	120 minutes =	hours		b	2 dav	s =	hours	
С	180 minutes =	nours		C	I I wee	ек =	hours	
3 w	rite these minutes as l	nours and	minu	tes:				
а	120 minutes = hou	ırs miı	nutes	b	150 m	ninutes = _	hours	minutes
С	200 minutes = hou	ırsmii	nutes	d	l 85 mii	nutes =_	hours	minutes
<b>4</b> Us	e what you know abo	ut time rel	ation	ships	to com	plete this	cross numb	er puzzle:
Ac	cross	1	2		3	Do	own	
1	Days in a leap year	4				2	Seconds in	1 minute
5	Weeks in a year					3	Minutes in	1 hour
7	Hours in 10 days	5 6		7			and 40 mir	
8	Hours in $\frac{1}{2}$ day	8			1 1	4	Minutes in	$\frac{1}{4}$ hour
10	Minutes in $\frac{3}{4}$ hour	9	10		11	6	Days in 3 v	veeks
12	Hours in 2 days	12			13	9	Days in a 2	weeks
13	Minutes in 1 hour	12			15	11	. Minutes in	$\frac{1}{2}$ hour

8



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SERIES

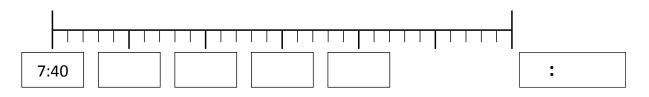
TOPIC

# Measuring time – time trails

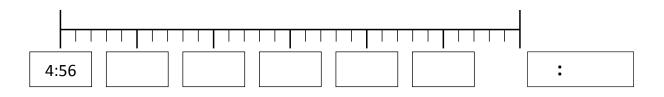
We can use a timeline to help us with elapsed time problems.
Problem: Robbie got on the bus at 11:52 am and got off 30 minutes later. What time was it when Robbie got off the bus?
Steps: 1. Write the start time in the first box.
2. Use the timeline to count on in minutes. Each large marker is 10 minutes and each small marker is 2 minutes.
Image marker is 10 minutes and each small marker is 2 minutes.
Image marker is 10 minutes and each small marker is 2 minutes.
Image marker is 10 minutes and each small marker is 2 minutes.
Image marker is 10 minutes and each small marker is 2 minutes.

4 Use the timeline for each elapsed time problem:

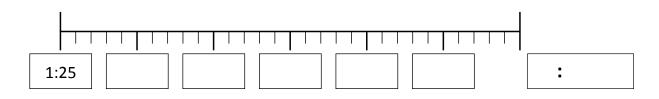
**a** Rex went for a jog at the park. He headed out at 7:40 am and jogged for 45 minutes. What time did he finish jogging?



**b** Jamie watched a TV show that started at 4:56 pm and went for 54 minutes. What time did the TV show finish?



**c** Naomi baked a chocolate cake. She put it in the oven at 1:25 pm and set the timer for 55 minutes. What time did the timer buzz?





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.

#### Fill in the missing dates on this calendar:

	January 2010										
м	т	w	т	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					

	April 2010											
м	т	w	т	F	S	S						
			1	2	3	4						
5	6	7	8	9	10	11						
12	13	14	15	16	17	18						
19	20											

	February 2010										
м	M T W T F S										
1	2	3	4	5	6	7					
8	9	10	11	12	13	14					
15	16	17	18	19	20						

May 2010										
м	т	w	т	F	s	s				
					1	2				
3	4	5	6	7	8	9				
10	11	12	13	14	15	16				
17	18	19	20							

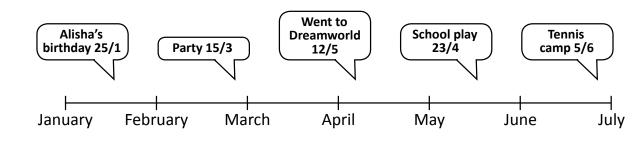
	March 2010											
м	M T W T F S S											
1	2	3	4	5	6	7						
8	9	10	11	12	13	14						
15	16	17	18	19	20	21						

June 2010											
м	т	w	т	F	s	s					
	1	2	3	4	5	6					
7	8	9	10	11	12	13					
14	15	16	17	18	19	20					

What day of the week are the following dates:

- a 11th April \_\_\_\_\_\_ b 23rd June \_\_\_\_\_
- c 2 weeks after 15th January
- e 1 week and 4 days after 7th May f 9 days after 30th January
- **d** 3 weeks after 6th February

Connect each date with a line to the timeline below:





Timetables are often used to schedule public transport.



#### 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?
- 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
СВС	News	Current Affairs		Soccer Finals	Late News
СТV	Days of Us	Fashion Watch	TV Bloopers	Movie: Ghost Busters	Movie Reviews
Global	News	History	of Gold	The Car Show	Late Night Movie

- a What time does Current Affairs on CBC start?
- **b** How long is the History of Gold on Global?
- 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?



## 5 birthdays

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, LeonieDays: Monday, Tuesday, Thursday, Saturday, SundayMonths: March, June, July, November, December

What to do



- 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		



## I have ... who has ...?



This is a game for 3 players. You will need only 1 copy of this page. Cut out the set of cards below.



apply

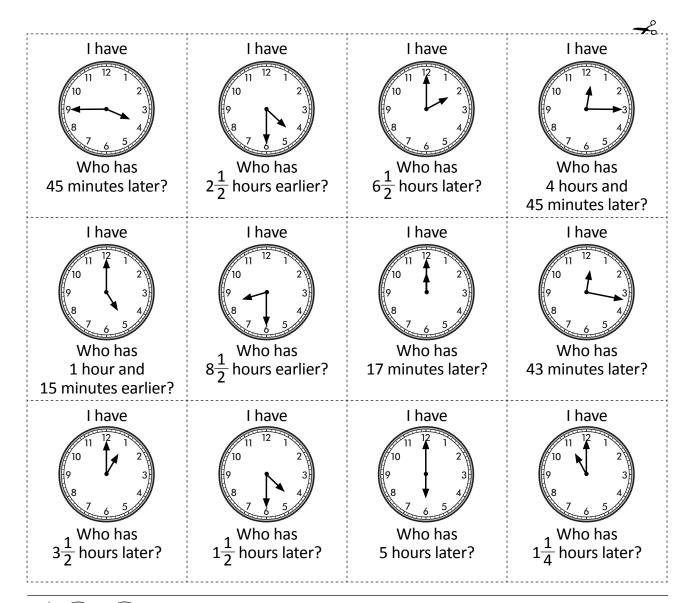


One player shuffles and deals 4 cards to each player.

Players arrange their cards face up, in order from earliest to latest.

The dealer starts by laying a card down and says, "I have ... who has ...?" All players try to be the first to lay the answer down. The first player to lay the matching card then reads their card and so on. *Note:* The person asking may have the matching card.

The first player to get rid of all their cards is the winner.



14 E 2