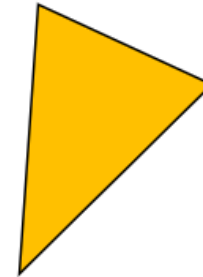SIMMERING BRONZE

Flashback 4

Year 2 | Week 8 | Day 1

1) How long did the programme last?

start   end

2) What time is shown on the clock?

3) Use <, > or = to compare the lengths.

30 cm ⬭ 3 m

4) What is $\frac{3}{4}$ of 12?
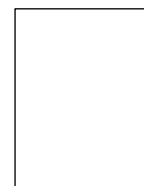
White Rose Maths
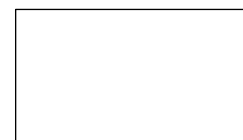
Flashback 4

1) Which 2-D shapes are the faces of a triangular prism?

2) How many vertices does a cuboid have?

3) How many seconds are in 5 and a half minutes?

4) What does the 7 represent in 671?

White Rose Maths

Flashback 4

1) Approximately how many chocolate eggs were sold in January?

2) In which month were the most chocolate eggs sold?

Sales of Chocolate Eggs

Sales values on graph: 60, 50, 40, 30, 20, 10, 0

Months: Jan Feb Mar Apr May Jun

Month

3) How many children play guitar?

Instrument played	Number of children
Piano	⬤⬤⬤
Guitar	⬤⬤◗

Key

⬤ = 8 children

4) What is 1,000 more than 7,823?
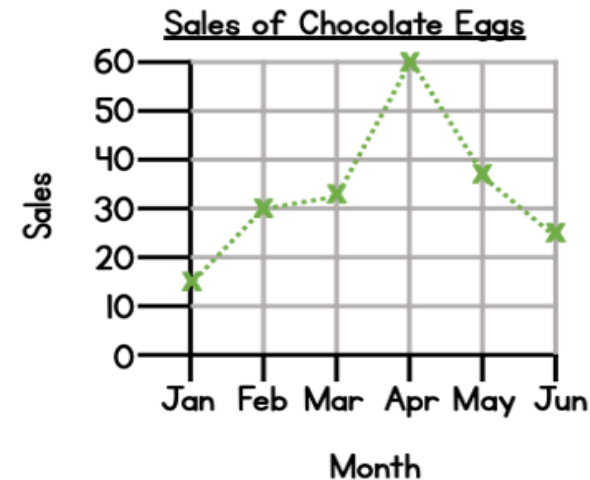
Flashback 4

1)   Translate the point (3,7) 2 to the left and 3 down.
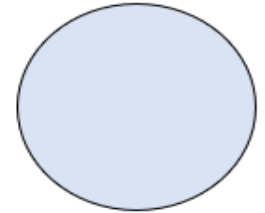
2)   What are the coordinates of the vertices of the rectangle?
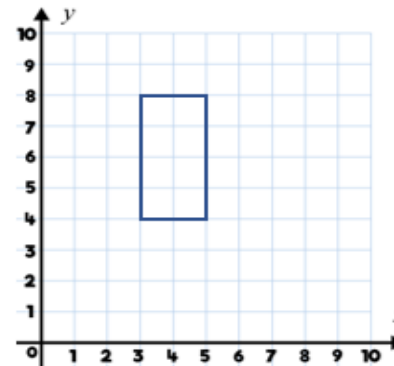
3)   Draw an obtuse angle.

4)   Subtract 2,167 from 4,248

White Rose Maths

Flashback 4

1) How long did the programme last?

start   end   **20 minutes**

2) What time is shown on the clock?

25 past 9

3) Use <, > or = to compare the lengths.

30 cm **<** 3 m

4) What is $\frac{3}{4}$ of 12?   **9**

White
Rose
Maths

Flashback 4

Year 3 | Week 9 | Day 1

1) Which 2-D shapes are the faces of a triangular prism?   2 triangles and 3 rectangles

2) How many vertices does a cuboid have?   8

3) How many seconds are in 5 and a half minutes?   330

4) What does the 7 represent in 671?   7 tens

White Rose Maths

Flashback 4

1) Approximately how many chocolate eggs were sold in January?   **14 – 16 eggs**

Sales of Chocolate Eggs

Sales: 60, 50, 40, 30, 20, 10, 0

Month: Jan Feb Mar Apr May Jun

2) In which month were the most chocolate eggs sold?   **April**

3) How many children play guitar?   **20 children**

Instrument played	Number of children
Piano	●●●
Guitar	●●◖

Key
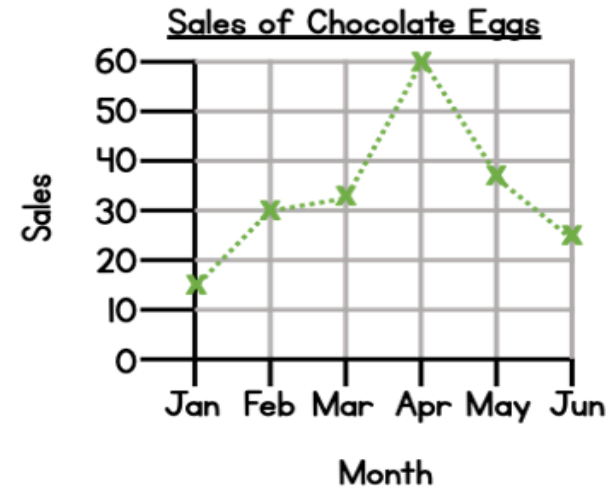
● = 8 children

4) What is 1,000 more than 7,823?   **8,823**

White Rose Maths

Flashback 4

1) Translate the point (3,7) 2 to the left and 3 down.

(1,4)
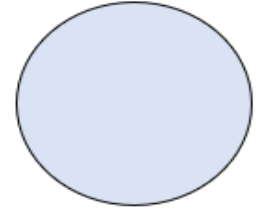
2) What are the coordinates of the vertices of the rectangle?
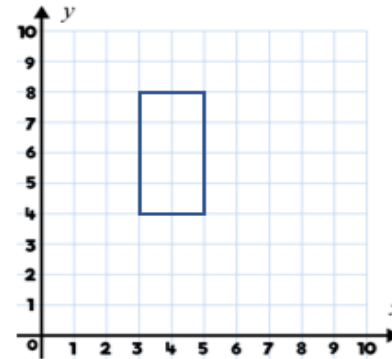
(3,4) (3,8)
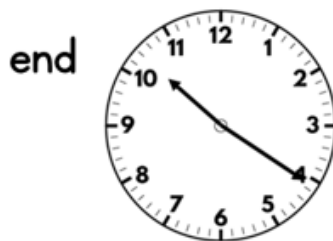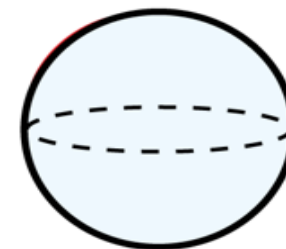(5,4) (5,8)

3) Draw an obtuse angle.

Any angle over 90°
and less than 180°

4) Subtract 2,167 from 4,248

2,081

White Rose Maths

LEVEL 1 – TELLING THE TIME IN 5 MINUTE INTERVALS

LEVEL 2 – TELLING THE TIME TO THE MNUTE

LEVEL 3 – USING AM OR PM

FACTS YOU MIGHT NEED

HOW MANY DAYS ARE THERE IN EACH MONTH?

HOW MANY DAYS IN A YEAR?

HOW MANY DAYS IN A LEAP YEAR?

60 SECONDS = 1 MINUTE

60 MINUTES = 1 HOUR

15 MINUTES = $\frac{1}{4}$ AND HOUR

30 MINUTES = $\frac{1}{2}$ AN HOUR

45 MINUTES = $\frac{3}{4}$ HOUR

24 HOURS = 1 FULL DAY

7 DAYS = 1 WEEK
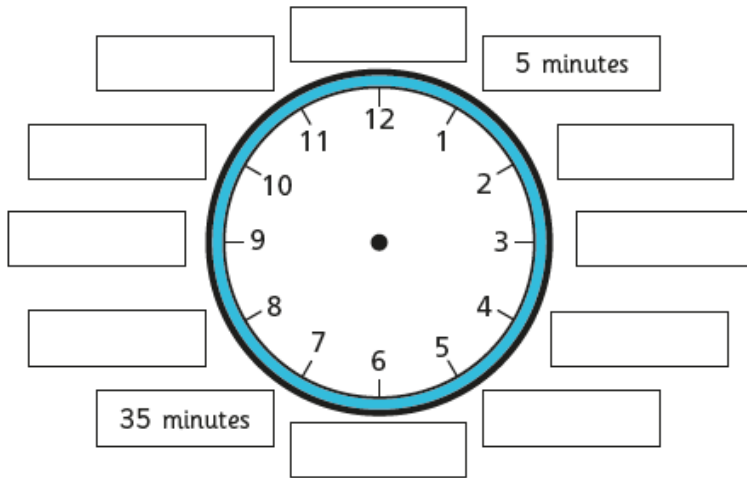
14 DAYS = 1 FORTNIGHT (NOT FORTNITE THE GAME)

28 DAYS = 4 WEEKS = A MONTH (NOT A CALENDAR MONTH)

365 DAYS (AND ¼) = 52 WEEKS = 1 YEARS = 366 DAYS = 52 WEEKS = 1 LEAP YEAR

1   Label the clock to show the number of minutes past the hour.

5 minutes

35 minutes

2   Label the clock to show what time would be shown if the minute hand was pointing to each interval.

5 minutes past

20 minutes to
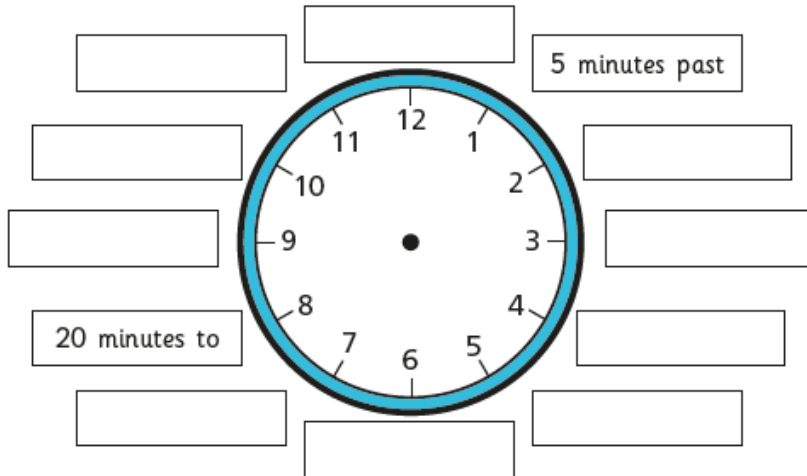
Is there more than one possible answer for each label?

3   The hour hand is pointing just after 5 and the minute hand is pointing to 2, so the time is 2 minutes past 5
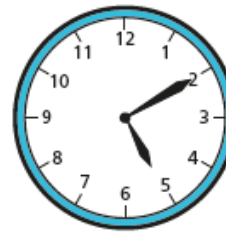
What mistake has Ron made?
What time is it?

4   What time is shown on each clock?

a)

c)

b)

d)

5   Draw the hands on the clock to show the correct times.

a) 15 minutes past 6

b) 15 minutes to 9

c) 25 minutes to 9

d) 5 minutes to 12

3

> The hour hand is pointing just after 5 and the minute hand is pointing to 2, so the time is 2 minutes past 5

What mistake has Ron made?

What time is it?

4 What time is shown on each clock?

a)

b)

c)

d)

5 Draw the hands on the clock to show the correct times.
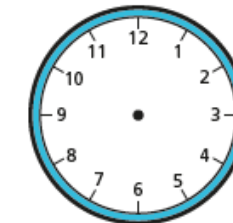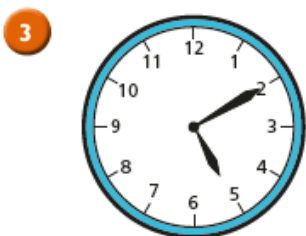
a) 15 minutes past 6

b) 15 minutes to 9

c) 25 minutes to 9

d) 5 minutes to 12

6 Jack wants to tell the time, but the hour hand has fallen off the clock.
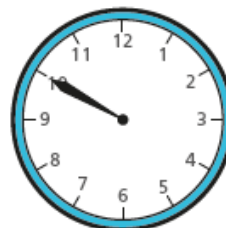
> There are 12 different possible times it could be during a full day.

Do you agree with Jack?

Talk about it with a partner.

7 The minute hand and the hour hand of a clock are both pointing to an even number.

It is before midday. What times could it be?

Give three possible answers.

Compare answers with a partner. Can you find any more?

8 The numbers of the clock face were written in Roman numerals but they have been rubbed off.

The current time has a V in the hour and a V in the minutes.

What time could it be?

Draw your answer on a clock.

Are there any other answers?

1 Complete the sentences.

When the minute hand is pointing to 4 it is [ ] minutes past the hour.

When the minute hand is pointing to 5 it is [ ] minutes past the hour.

2 Complete the times shown on each clock.

a)

[ ] minutes past 2

c)

[ ] minutes past [ ]

b)

[ ] minutes past 2

d)

3 Complete the additions.

a) 51 + [ ] = 60

b) 31 + [ ] = 60

c) 39 + [ ] = 60

d) 43 + [ ] = 60

e) 48 + [ ] = 60

f) [ ] + 11 = 60

4 Write the missing numbers on the number lines.
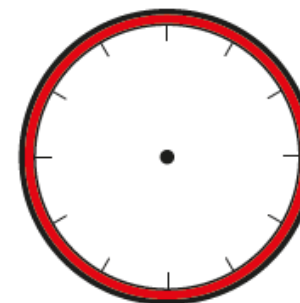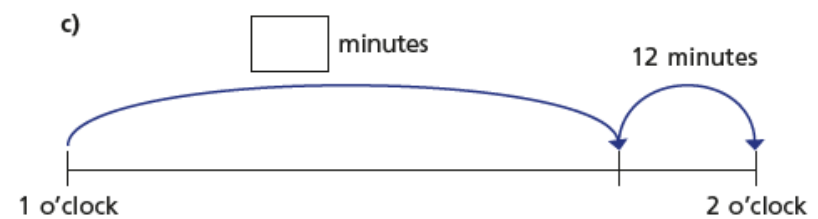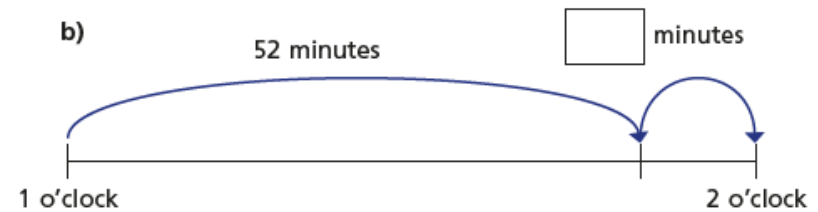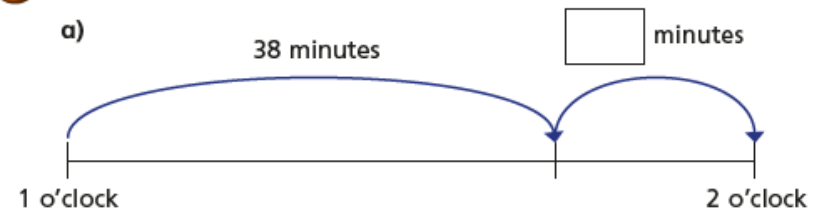
a)

38 minutes   [ ] minutes

1 o'clock   2 o'clock

b)

52 minutes   [ ] minutes

1 o'clock   2 o'clock

c)

[ ] minutes   12 minutes

1 o'clock   2 o'clock

5 Complete the times to make the statements correct.

a) 51 minutes past 1 = [ ] minutes to 2

b) 51 minutes past 7 = [ ] minutes to [ ]

c) 34 minutes past [ ] = [ ] minutes to 8

d) 44 minutes past 12 = [ ] minutes to [ ]

e) [ ] minutes past [ ] = 1 minute to 10

Telling the time to the minute

White Rose Maths

4 Write the missing numbers on the number lines.

a)

38 minutes

[ ] minutes

1 o'clock — 2 o'clock

b)

52 minutes

[ ] minutes

1 o'clock — 2 o'clock

c)

[ ] minutes

12 minutes

1 o'clock — 2 o'clock
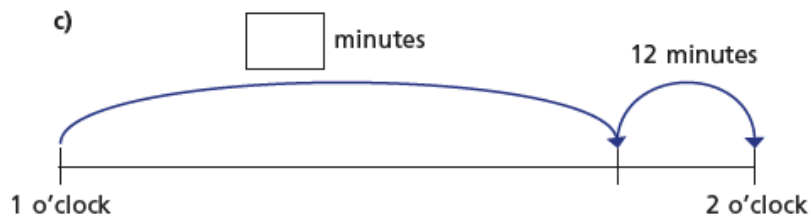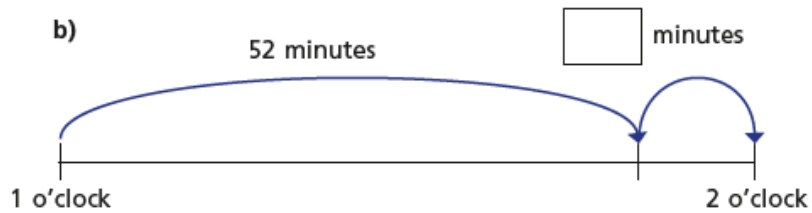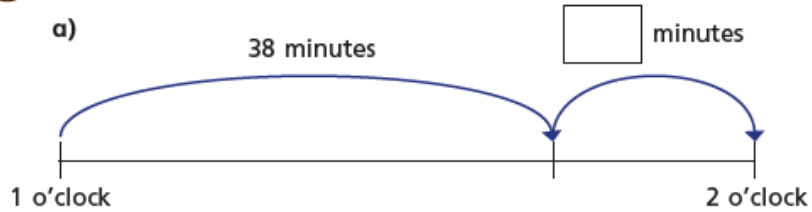
5 Complete the times to make the statements correct.

a) 51 minutes past 1 = [ ] minutes to 2

b) 51 minutes past 7 = [ ] minutes to [ ]

c) 34 minutes past [ ] = [ ] minutes to 8

d) 44 minutes past 12 = [ ] minutes to [ ]

e) [ ] minutes past [ ] = 1 minute to 10

6 Complete the times shown on each clock.

a)

b)

[ ] minutes past 2   [ ] minutes past [ ]

[ ] minutes to 3   [ ] minutes to [ ]

7

The time is 55 minutes past 7 so it is 45 minutes to 8

a) What mistake has Rosie made?

b) What is the correct time?

8 Draw hands on an analogue clock to show the correct times.

a) 28 minutes to 6   **b)** 6 minutes to 12

9 Tommy, Whitney and Alex are telling the time.

It is 4 minutes to 5

Tommy

It is 24 minutes to 5

Whitney

It is 14 minutes to 5

Alex

a) Who is correct?

b) What mistake have the other two children made?

Using am and pm

1 Sort the events into the time of day that they might happen.

| sunrise | go to school | alarm goes off | after school club |

| school play rehearsal | eat breakfast | go home from school | football match |

| breakfast club | gymnastics practice | lunch | wake up |

Morning	Afternoon

Compare answers with a partner.

2 One of the times is when Dexter starts school.

8:45 am   8:45 pm

Which do you think it is?

Talk about it with a partner.

3 One of the times is when Rosie goes to bed.

Which do you think it is?

7:30 am   7:30 pm

Talk about it with a partner.

4 Which is the earliest time in each set?

a)
| 9:13 am | 6:18 am | 10:11 am | 7:59 am |

b)
| 9:13 pm | 6:18 pm | 10:11 pm | 7:59 pm |

c)
| 9:13 am | 6:18 pm | 10:11 pm | 7:59 am |

d)
| 12:13 am | 11:18 pm | 12:11 pm | 7:59 am |

5 Which is the latest time in each set?

a)
| 9:13 am | 6:18 am | 10:11 am | 7:59 am |

b)
| 9:13 pm | 6:18 pm | 10:11 pm | 7:59 pm |

c)
| 9:13 am | 6:18 pm | 10:11 pm | 7:59 am |

d)
| 12:13 am | 11:18 pm | 12:11 pm | 7:59 am |

6

12:15 pm is later than 4:00 pm because 12 is greater than 4

Do you agree with Annie?

Talk about it with a partner.

LEVEL 3

4 Which is the earliest time in each set?

a)
| 9:13 am | 6:18 am | 10:11 am | 7:59 am |

b)
| 9:13 pm | 6:18 pm | 10:11 pm | 7:59 pm |

c)
| 9:13 am | 6:18 pm | 10:11 pm | 7:59 am |

d)
| 12:13 am | 11:18 pm | 12:11 pm | 7:59 am |

5 Which is the latest time in each set?

a)
| 9:13 am | 6:18 am | 10:11 am | 7:59 am |

b)
| 9:13 pm | 6:18 pm | 10:11 pm | 7:59 pm |

c)
| 9:13 am | 6:18 pm | 10:11 pm | 7:59 am |

d)
| 12:13 am | 11:18 pm | 12:11 pm | 7:59 am |

6

12:15 pm is later than 4:00 pm because 12 is greater than 4

Do you agree with Annie?

Talk about it with a partner.

7 Write the times in order from earliest to latest.

a)
| 10:12 am | 10:04 pm | 7:15 am | 12:10 pm |

b)
| 1:11 am | 12:41 pm | 6:51 pm | 8:19 am |

8

It is half past 9 in the morning.
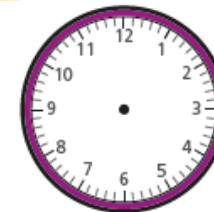
Show this time on both clocks.

Compare answers with a partner.

9 Tom gets to the cinema at this time in the evening.

Here are the film times.

| 9:00 am | 12:15 pm | 3:00 pm |
| 6:30 pm | 7:15 pm | 9:00 pm |

Which showing should Tom go to?

Talk about your answer with a partner.

Telling the time to 5 minutes

1 Label the clock to show the number of minutes past the hour.

	0 minutes	
55 minutes		5 minutes
50 minutes		10 minutes
45 minutes	(clock)	15 minutes
40 minutes		20 minutes
35 minutes		25 minutes
	30 minutes	

2 Label the clock to show what time would be shown if the minute hand was pointing to each interval.

	O'clock	
5 minutes to		5 minutes past
10 minutes to		10 minutes past
15 minutes to	(clock)	15 minutes past
20 minutes to		20 minutes past
25 minutes to		25 minutes past
	30 minutes past	

3

(clock)

The hour hand is pointing just after 5 and the minute hand is pointing to 2, so the time is 2 minutes past 5

What mistake has Ron made?

The minute hand pointing to 2 means it is 10 minutes past not 2 minutes past.

What time is it? 10 minutes past 5

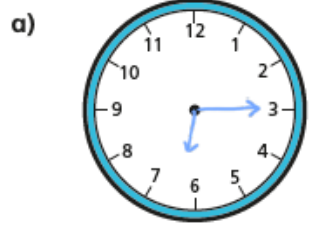**4** What time is shown on each clock?

a) (clock)

20 minutes past 4

c) (clock)

20 minutes past 5

b) (clock)

20 minutes to 5
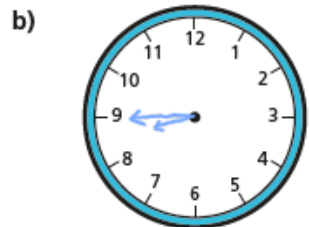
d) (clock)

10 minutes to 10

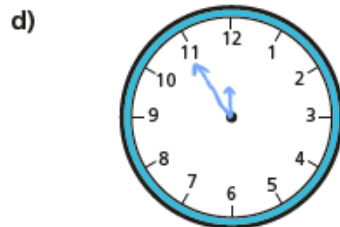**5** Draw the hands on the clocks to show the correct times.

a)

15 minutes past 6

b)

15 minutes to 9

c)

25 minutes to 9

d)

5 minutes to 12

6 Jack wants to tell the time, but the hour hand has fallen off the clock.

There are 12 different possible times it could be during a full day.

Do you agree with Jack? __No__

Talk about it with a partner.

7 The minute hand and the hour hand of a clock are both pointing to an even number.

It is before midday. What times could it be?

Give three possible answers.

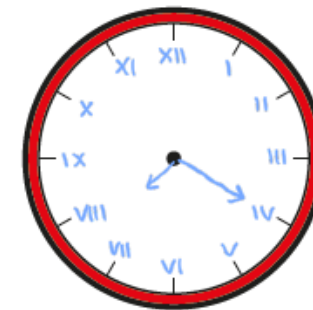__e.g.   6 o'clock   8 o'clock   10 o'clock__

_____

Compare answers with a partner. Can you find any more?

8 The numbers of the clock face were written in Roman numerals but they have been rubbed off.

The current time has a V in the hour and a V in the minutes.

e.g.

What time could it be? Draw your answer on the clock.

Are there any other answers?

__various answers__

Talk about it with a partner.
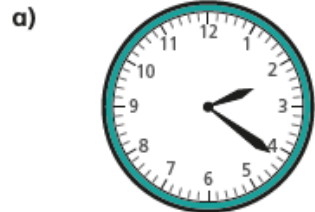
Telling the time to the minute

1 Complete the sentences.

When the minute hand is pointing to 4 it is `20` minutes past the hour.

When the minute hand is pointing to 5 it is `25` minutes past the hour.

2 Complete the times shown on each clock.

a)

`21` minutes past 2

c)

`11` minutes past `11`

b)

`2` minutes past 2

d)

28 minutes past 6

3 Complete the additions.

a) 51 + `9` = 60

d) 43 + `17` = 60

b) 31 + `29` = 60

e) 48 + `12` = 60

c) 39 + `21` = 60

f) `49` + 11 = 60

4 Write the missing numbers on the number lines.
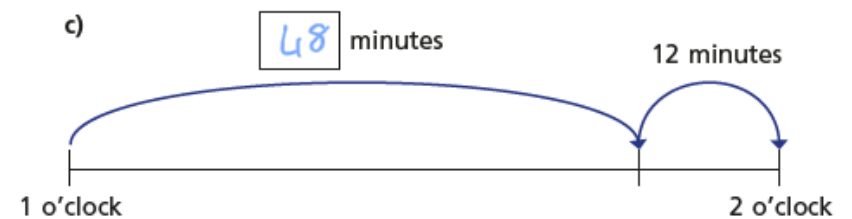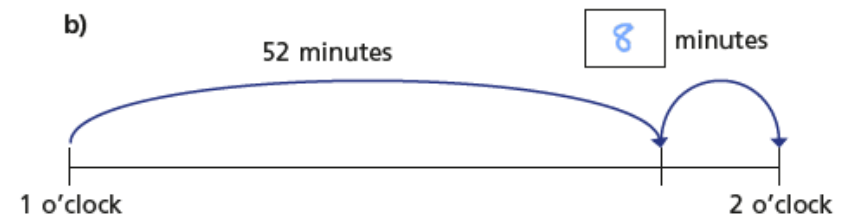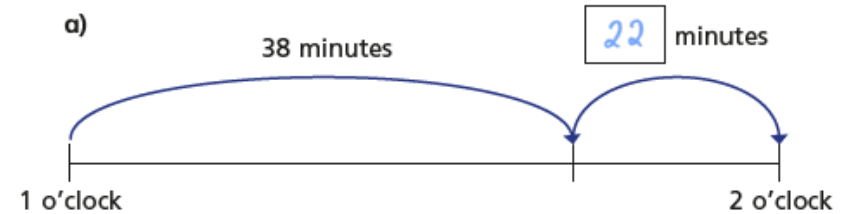
a)

38 minutes   `22` minutes

1 o'clock   2 o'clock

b)

52 minutes   `8` minutes

1 o'clock   2 o'clock

c)

`48` minutes   12 minutes

1 o'clock   2 o'clock

5 Complete the times to make the statements correct.

a) 51 minutes past 1 = [9] minutes to 2

b) 51 minutes past 7 = [9] minutes to [8]

c) 34 minutes past [7] = [26] minutes to 8

d) 44 minutes past 12 = [16] minutes to [1]

e) [59] minutes past [9] = 1 minute to 10

6 Complete the times shown on each clock.

a)

[51] minutes past 2

[9] minutes to 3

b)

[44] minutes past [11]

[16] minutes to [12]

7

The time is 55 minutes past 7 so it is 45 minutes to 8
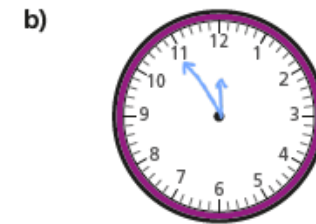
a) What mistake has Rosie made?

b) What is the correct time?

5 minutes to 8

8 Draw the hands on the clocks to show the correct times.

a)

28 minutes to 6

b)

6 minutes to 12

9 Tommy, Whitney and Alex are telling the time.

It is 4 minutes to 5

Tommy

It is 14 minutes to 5

Alex

It is 24 minutes to 5

Whitney

a) Who is correct? ___Alex___

b) What mistake have the other two children made?

White

Using am and pm

1 Sort the events into the time of day that they might happen.

sunrise	go to school	alarm goes off	after school club
school play rehearsal	eat breakfast	go home from school	football match
breakfast club	gymnastics practice	lunch	wake up

Morning	Afternoon
Sunrise	school play rehearsal
breakfast club	gymnastics practice
go to school	go home from school
eat breakfast	lunch
alarm goes off	after school club
wake up	football march

Compare answers with a partner.

2 One of the times is when Dexter starts school.

08:45 am ☑   **8:45 pm** ☐

Which do you think it is? Tick your answer.

Talk about it with a partner.

3 One of the times is when Rosie goes to bed.

Which do you think it is? Tick your answer.

07:30 am ☐   **7:30 pm** ☑

Talk about it with a partner.

4 Tick the earliest time in each set.

a)

| 9:13 am | 6:18 am ✓ | 10:11 am | 7:59 am |

b)

| 9:13 pm | 6:18 pm ✓ | 10:11 pm | 7:59 pm |

c)

| 9:13 am | 6:18 pm | 10:11 pm | 7:59 am ✓ |

d)

| 12:13 am ✓ | 11:18 pm | 12:11 pm | 7:59 am |

5 Tick the latest time in each set.

a)
| 9:13 am | 6:18 am | 10:11 am ✓ | 7:59 am |

b)
| 9:13 pm | 6:18 pm | 10:11 pm ✓ | 7:59 pm |

c)
| 9:13 am | 6:18 pm | 10:11 pm ✓ | 7:59 am |

d)
| 12:13 am | 11:18 pm ✓ | 12:11 pm | 7:59 am |

6

12:15 pm is later than 4:00 pm because 12 is greater than 4

Do you agree with Annie? __No__

Talk about it with a partner.

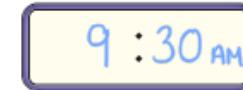**7** Write the times in order from earliest to latest.

a)
| 10:12 am | 10:04 pm | 7:15 am | 12:10 pm |

7:15 am   10:12 am   12:10 pm   10:04 pm

b)
| 1:11 am | 12:41 pm | 6:51 pm | 8:19 am |

1:11 am   8:19 am   12:41pm   6:51 pm

8

It is half past 9 in the morning.

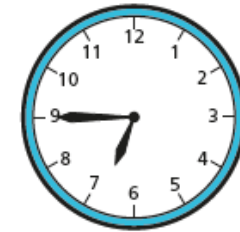Show this time on both clocks.

9 : 30 AM

Compare answers with a partner.

9 Tom gets to the cinema at this time in the evening.

Here are the film times.

| 9:00 am | 12:15 pm | 3:00 pm |
| 6:30 pm | 7:15 pm | 9:00 pm |

Which showing should Tom go to? __7:15 pm__

Talk about your answer with a partner.