



Aberdare Community School
Mathematics Department

WJEC GCSE
Higher – Non Calculator
Number

Timetables

Name:

Set:

Date:

Teacher:

6. Mr. Roberts is travelling to Hong Kong on business.

(a) There is a time difference between the UK and Hong Kong.
When the time is 6 am in the UK the time is 2 pm on the same day in Hong Kong.

(i) When it is 10 am in the UK what time is it in Hong Kong?

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(ii) Mrs. Roberts stays in the UK and has given her husband her time schedule, shown below.

<i>6 am</i>	<i>Get up, walk dog, breakfast</i>
<i>6.30 am</i>	<i>Leave home to go to work</i>
<i>7.30 am</i>	<i>Arrive at work</i>
<i>11.30 am</i>	<i>Finish work, set off to go home</i>
<i>12.30 pm</i>	<i>Arrive home for lunch</i>
<i>2 pm</i>	<i>Leave home for daily exercise class</i>
<i>4 pm</i>	<i>Home</i>
<i>6 pm</i>	<i>Go out to evening job</i>
<i>9 pm</i>	<i>Home</i>
<i>10 pm</i>	<i>Go to bed (don't disturb)</i>

Mr. Roberts will be in meetings most of the day in Hong Kong from 8 am until 11 am, then from 12 noon to 6 pm.

He plans to telephone his wife at a convenient time during the day.

During which time period should Mr. Roberts telephone his wife? Give your answer in UK and Hong Kong times.

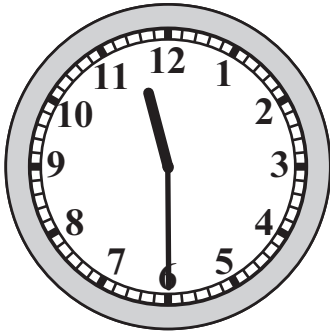
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[4]

4. (a) *You will be assessed on the quality of your written communication in this part of the question.*

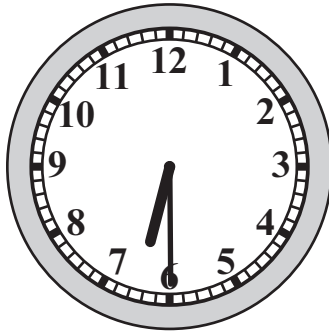
Some mobile phones show a number of world clocks.

London



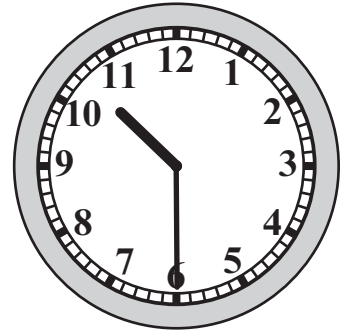
Monday
11:30

New York



Monday
06:30

Sydney



Monday
22:30

When it is 3 p.m. on Wednesday in New York, what day and time will it be in Sydney?
Explain your reasoning.

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[5]

- 1. Hamish is in London one Tuesday afternoon. He looks at the world clock shown below.

World clock		
London	New York	Sydney
13:38 Tuesday	08:38 Tuesday	21:38 Tuesday

- (a) Hamish has a plane to catch in 6 hours 34 minutes time. At what time does his plane leave, in New York time?

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[2]

- (b) Hamish decides to make a telephone call to Sydney before he leaves. He makes the call at 17:05 in London. What time and day is this in Sydney?

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Time Day

[3]

- 2.

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