

ANSWERS

Task 1	Task 2																																																												
<p>Practice <u>Use <, > or = to complete the statements</u></p> <p>1. 30 minutes > 10 minutes</p> <p> One hour = 60 minutes</p> <p> Half an hour < 40 minutes</p> <p> Three quarters of an hour > 35 minutes</p> <p> Three quarters of an hour = 45 minutes</p> <p> 20 minutes > A quarter of an hour</p> <p> 92 minutes > An hour and a half</p> <p> An hour and 20 minutes < 100 minutes</p> <p>Put the durations in order from shortest to longest</p> <p>2a.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">A. Half past eight to nine o'clock</td><td style="text-align: center; color: red; font-weight: bold; padding: 2px;">3</td></tr> <tr><td style="padding: 2px;">B. 5 minutes</td><td style="text-align: center; color: red; font-weight: bold; padding: 2px;">1</td></tr> <tr><td style="padding: 2px;">C. 9 o'clock to twenty minutes past 9</td><td style="text-align: center; color: red; font-weight: bold; padding: 2px;">2</td></tr> <tr><td style="padding: 2px;">D. 40 minutes</td><td style="text-align: center; color: red; font-weight: bold; padding: 2px;">4</td></tr> <tr><td style="padding: 2px;">E. 1 hour</td><td style="text-align: center; color: red; font-weight: bold; padding: 2px;">6</td></tr> <tr><td style="padding: 2px;">F. 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How much longer does train B take than train A?</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #d9e1f2;"><th>Train</th><th>Leeds</th><th>Hallifax</th></tr> </thead> <tbody> <tr><td style="background-color: #d9e1f2;">A</td><td>12:35</td><td>13:10</td></tr> <tr><td style="background-color: #d9e1f2;">B</td><td>13:40</td><td>14:25</td></tr> </tbody> </table> <p style="color: red; font-weight: bold; margin-top: 10px;">10 minutes</p> <p>2. 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By how much? 7 minutes</p> <p style="margin-left: 40px;">A 16:48 \Rightarrow 17:35</p> <p style="margin-left: 40px;">B 18:32 \Rightarrow 19:26</p>	Train	Leeds	Hallifax	A	12:35	13:10	B	13:40	14:25	Bus	Hebden Bridge	Sowerby Bridge	1	09:35	10:05	2	11:55	12:30	Bus	Preston	Oldham	1	10:28	11:13	2	17:18	18:06	Train	High street	Upper Town	A	07:56	08:46	B	09:44	10:32
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Task 3

Reasoning

Explain your answers.

4a. Rowan is correct because it took him 40 minutes to get to school, while it took Betty 35 minutes.

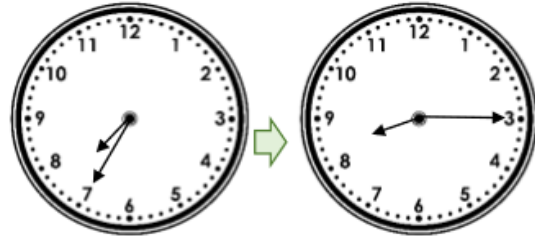
7a. Leona is correct because it took her 1 hour and 15 minutes to get to the library, while it took Will 57 minutes.

8a. Tiana is correct; it took her 1 hour and 19 minutes, which is 7 minutes more than Asha.

Task 4

Problem solving

5b. It takes Lucas 10 minutes to paint a picture from start to finish. How many pictures can he paint in this duration of time?



5b. Lucas can paint 4 pictures in 40 minutes.

6b.

	Depart Kings Cross	Arrive Piccadilly
A	Quarter to 7	7:40
B	7:05	8 o'clock
C	20 minutes past 8	9:05
D	8:45	9:35

9b. Plane 1 = 1 hour and 42 minutes, Plane 2 = 1 hour and 4 minutes, Plane 3 = 1 hour and 35 minutes. Plane 2 is the quickest. Plane 2 = 26 minutes. Plane 3 = 55 minutes. 29 minutes difference.

Challenge

2. Work out and compare the flight times from the UK by working out the duration of each flight based on the information given. Look carefully at the time difference.

<u>Destination</u>	<u>Departure Time in UK</u>	<u>Arrival time in destination</u>	<u>Time Difference</u>	<u>Duration of flight.</u>
Delhi	08:10	22:40	Delhi is 4 hours 30 minutes ahead of the UK	10 hours
Moscow	10:30	17:00	Moscow is 2 hours ahead of the UK	4 hours 30 minutes
Berlin	14:10	17:00	Berlin is 1 hour ahead of the UK	1 hour 50 minutes
Turkey	14:30	20:30	Turkey is 2 hours ahead of the UK	4 hours
Paris	16:20	18:50	Paris is 1 hour ahead of the UK	1 hour 30 minutes

Order the flights from the shortest duration to the longest duration.

Paris, Berlin, Turkey, Moscow, Delhi