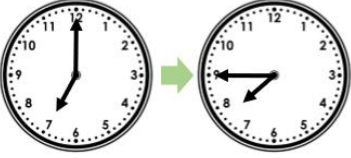


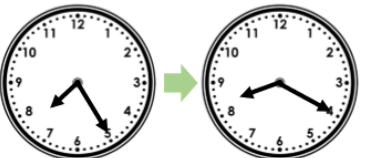


ANSWERS

Task 1	Task 2																																																												
<p>Practice How much time has passed?</p> <p>1a.  45 minutes (three quarters of an hour)</p> <p>1b.  30 minutes (half an hour)</p> <p>1c.  15 minutes (quarter of an hour)</p> <p>1d.  55 minutes</p> <p>When does it finish?</p> <p>2a. A show starts at 20 minutes past 5 and lasts for 25 minutes. Quarter to 6.</p> <p>2b. A bus ride starts at 10 minutes past 3 and lasts for 45 minutes. Five minutes to 4.</p> <p>2c. A play starts at quarter to 10 and lasts for 55 minutes. Twenty minutes to 11.</p>	<p>Practice Which train takes the longest? How long?</p> <p>1a.</p> <table border="1" data-bbox="925 403 1340 604"> <thead> <tr> <th></th> <th>Departs</th> <th>Arrives</th> </tr> </thead> <tbody> <tr> <td>Leeds</td> <td>13:55</td> <td>14:50</td> </tr> <tr> <td>Halifax</td> <td>7:25</td> <td>9:15</td> </tr> <tr> <td>Liverpool</td> <td>20:05</td> <td>21:10</td> </tr> <tr> <td>London</td> <td>3:40</td> <td>4:55</td> </tr> </tbody> </table> <p>Halifax – 1 hour and 50 minutes</p> <p>1b.</p> <table border="1" data-bbox="933 705 1340 907"> <thead> <tr> <th></th> <th>Departs</th> <th>Arrives</th> </tr> </thead> <tbody> <tr> <td>Leeds</td> <td>7:35</td> <td>8:15</td> </tr> <tr> <td>Halifax</td> <td>15:50</td> <td>16:20</td> </tr> <tr> <td>Liverpool</td> <td>10:25</td> <td>11:35</td> </tr> <tr> <td>London</td> <td>9:10</td> <td>10:50</td> </tr> </tbody> </table> <p>London – 1 hour and 40 minutes</p> <p>1c.</p> <table border="1" data-bbox="933 1041 1340 1243"> <thead> <tr> <th></th> <th>Departs</th> <th>Arrives</th> </tr> </thead> <tbody> <tr> <td>Leeds</td> <td>9:45</td> <td>11:06</td> </tr> <tr> <td>Halifax</td> <td>12:23</td> <td>13:00</td> </tr> <tr> <td>Liverpool</td> <td>13:56</td> <td>14:11</td> </tr> <tr> <td>London</td> <td>16:34</td> <td>17:21</td> </tr> </tbody> </table> <p>Leeds – 1 hour 21 minutes</p> <p>Are the statements <i>true</i> or <i>false</i>?</p> <table border="1" data-bbox="829 1388 1468 1702"> <thead> <tr> <th>Club</th> <th>Start</th> <th>Finish</th> </tr> </thead> <tbody> <tr> <td>Art</td> <td>15:01</td> <td>15:57</td> </tr> <tr> <td>Rugby</td> <td>15:05</td> <td>16:02</td> </tr> <tr> <td>Homework</td> <td>15:09</td> <td>16:00</td> </tr> <tr> <td>Tennis</td> <td>15:14</td> <td>15:46</td> </tr> </tbody> </table> <p>2a. Art club is longer than homework club. True</p> <p>2b. Rugby club is shorter than tennis club. False</p> <p>2c. Tennis club is the shortest. True</p> <p>2d. Homework club is the longest. False</p> <p>2e. Art club is 1 minute longer than Rugby club. False</p>		Departs	Arrives	Leeds	13:55	14:50	Halifax	7:25	9:15	Liverpool	20:05	21:10	London	3:40	4:55		Departs	Arrives	Leeds	7:35	8:15	Halifax	15:50	16:20	Liverpool	10:25	11:35	London	9:10	10:50		Departs	Arrives	Leeds	9:45	11:06	Halifax	12:23	13:00	Liverpool	13:56	14:11	London	16:34	17:21	Club	Start	Finish	Art	15:01	15:57	Rugby	15:05	16:02	Homework	15:09	16:00	Tennis	15:14	15:46
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Task 3

Reasoning

Explain your answers.

4a. Abigail is correct because there are 20 minutes between 25 minutes past 6 and quarter to 7.

5a. Alice is incorrect because 10 minutes past 3 add 45 minutes = 5 minutes to 4.

9a. Alyssa – 24 minutes; Mario – 19 minutes

Task 4

Problem solving

3b. Kristie goes to an animal show for 2 and a half hours. She spends half an hour looking at the goats and sheep. She spends 1 hour judging the dog agility competition.

She spends the rest of the time playing with the rabbits.

How long does she spend with the rabbits?

3b. 1 hour

6b. Luisa spends 1 hour and 40 minutes at the park.

She spends 20 minutes on the swings. She spends half an hour feeding the ducks. She spends 40 minutes on the rowing boats.

She spends the rest of the time riding her bike.

How long does she ride her bike for?

6b. 10 minutes

7b. Sandy went shopping 58 minutes after the mall opened. Ben arrived 21 minutes before her. Rico arrived at 8:46 which was 24 minutes after Ben.



What time did the shopping mall open?
What time did Sandy arrive?

7b. 7:45; 8:43

Challenge

1. Jack's mum says he can watch the television for an hour and a half in total. Which combination of programmes could Jack watch? He does not have to watch them consecutively.

<u>Programme</u>	<u>Start Time</u>	<u>Finish Time</u>
Big Kids	03:25 pm	03:40 pm
Smart Art	03:40 pm	04:00 pm
Happy Animals	04:00 pm	04:10 pm
Kids Cook	04:10 pm	04:35 pm
School's Out	04:35 pm	05:00 pm
Space Wars	05:00 pm	05:45 pm
Larry Trotter	05:45 pm	06:10 pm
Buddies	06:10 pm	06:40 pm
Hey, Fred!	06:40 pm	06:55 pm
Kids News	06:55 pm	07:05 pm

Various possible answers where a combination of the program durations total 90 minutes, including: Happy Animals, Kids Cook, Space Wars and Kids News.