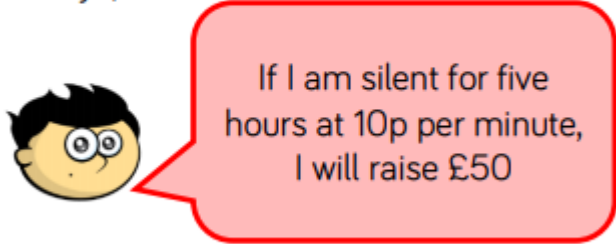
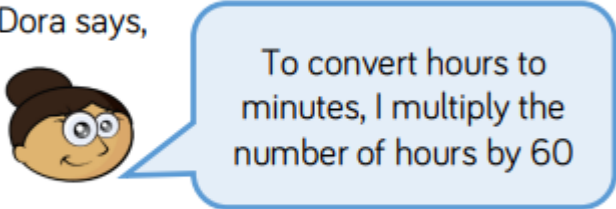
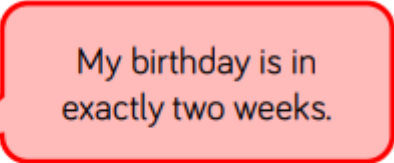
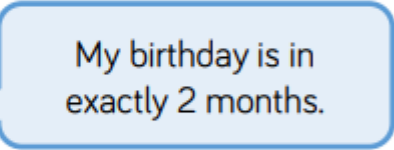
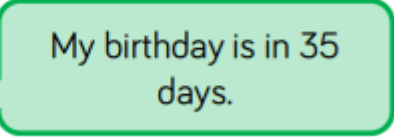

















<p>LF Hours, minutes and seconds Try it</p>	<p>LF Hours, minutes and seconds Try it</p>	<p>LF Hours, minutes and seconds Try it</p>												
<p>One hour = ___ minutes Two hours = ___ minutes Half an hour = ___ minutes One minute = ___ seconds. Three minutes = ___ seconds. ___ minutes = 240 seconds</p> <p>Josh reads a chapter of his book in 5 minutes and 28 seconds. Tom reads a chapter of his book in 300 seconds. Who reads their chapter the quickest?</p>	<p>Five friends run a race. Their times are shown in the table.</p> <table border="1" data-bbox="831 371 1417 759"> <thead> <tr> <th>Name</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>Eva</td> <td>114 seconds</td> </tr> <tr> <td>Dexter</td> <td>199 seconds</td> </tr> <tr> <td>Teddy</td> <td>100 seconds</td> </tr> <tr> <td>Whitney</td> <td>202 seconds</td> </tr> <tr> <td>Ron</td> <td>119 seconds</td> </tr> </tbody> </table> <p>Which child finished the race the closest to two minutes? What was the difference between the fastest time and the slowest time? Give your answer in minutes and seconds.</p>	Name	Time	Eva	114 seconds	Dexter	199 seconds	Teddy	100 seconds	Whitney	202 seconds	Ron	119 seconds	<p>Jack takes part in a sponsored silence. He says,</p> <div data-bbox="1503 395 2116 639">  <p>If I am silent for five hours at 10p per minute, I will raise £50</p> </div> <p>Do you agree with Jack? Explain why you agree or disagree.</p> <p>Dora says,</p> <div data-bbox="1503 853 2116 1062">  <p>To convert hours to minutes, I multiply the number of hours by 60</p> </div> <p>Is she correct? Can you explain why?</p>
Name	Time													
Eva	114 seconds													
Dexter	199 seconds													
Teddy	100 seconds													
Whitney	202 seconds													
Ron	119 seconds													









Task 2

LF Years, months, weeks and days Try it	LF Years, months, weeks and days Apply it	LF Years, months, weeks and days Deepen it
<p>There are ____ months in a year.</p> <p>There are ____ days in February.</p> <p>____ months have 30 days, and ____ months have 31 days.</p> <p>There are ____ days in a year and ____ days in a leap year.</p> <p>Sally is 7 years and 2 months old.</p> <p>Macey is 85 months old.</p> <p>Who is older?</p> <p>Explain how you know</p>	<p>True or false?</p> <ul style="list-style-type: none"> • 3 days > 72 hours. • $2\frac{1}{2}$ years = 29 months • 11 weeks 4 days < 10 weeks 14 days <hr/> <p>Amir, Rosie and Jack describe when their birthdays are.</p> <p>Amir says, </p> <p>Rosie says, </p> <p>Jack says, </p> <p>Use the clues to work out when their birthdays are if today is the 8th June.</p>	<p>1. “The number of days between the 7th February and the 7th March is the same as the number of days between the 7th August and the 7th September.”</p> <p>Do you agree? Explain your answer.</p> <p>2. “8 years and 5 months is the same as 85 months.”</p> <p>Do you agree? Explain your answer.</p>

Task 3

LF Analogue to Digital time Try it	LF Analogue to Digital time Apply it	LF Analogue to Digital time Deepen it																		
<div style="text-align: center;">  </div> <p>The time is _____ past 10 This can also be written as _____ minutes past 10 The digital time is 10:___</p> <p>Write down the digital time for all of these activities.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">Netball</td> <td style="padding: 5px;"> p.m.</td> </tr> <tr> <td style="padding: 5px;">Football</td> <td style="padding: 5px;"> a.m.</td> </tr> <tr> <td style="padding: 5px;">Rock climbing</td> <td style="padding: 5px;"> p.m.</td> </tr> <tr> <td style="padding: 5px;">Roller disco</td> <td style="padding: 5px;"> a.m.</td> </tr> </table>	Netball	 p.m.	Football	 a.m.	Rock climbing	 p.m.	Roller disco	 a.m.	<p>Jack arrives at the train station at the time shown in the morning.</p> <div style="text-align: center;">  </div> <p>Which trains could he catch?</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #FFD700;"> <th style="padding: 5px;">Destination</th> <th style="padding: 5px;">Departs</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">York</td> <td style="padding: 5px;">07 : 10 a.m.</td> </tr> <tr> <td style="padding: 5px;">New Pudsey</td> <td style="padding: 5px;">09 : 25 a.m.</td> </tr> <tr> <td style="padding: 5px;">Bramley</td> <td style="padding: 5px;">09 : 42 a.m.</td> </tr> <tr> <td style="padding: 5px;">Leeds</td> <td style="padding: 5px;">10 : 03 a.m.</td> </tr> </tbody> </table> <p>How long will Jack have to wait for each train?</p>	Destination	Departs	York	07 : 10 a.m.	New Pudsey	09 : 25 a.m.	Bramley	09 : 42 a.m.	Leeds	10 : 03 a.m.	<div style="text-align: center; margin-bottom: 20px;"> <div style="border: 2px solid green; border-radius: 15px; padding: 10px; display: inline-block;">12 : 21</div> </div> <p>On a 12 hour digital clock, how many times will the time be read the same forwards and backwards?</p> <hr/> <p>Annie converts the analogue time to digital format. Here is her answer.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <div style="border: 2px solid blue; border-radius: 15px; padding: 10px; display: inline-block;">22 : 02</div> </div> </div> <p>Explain what Annie has done wrong. What should the digital time be?</p>
Netball	 p.m.																			
Football	 a.m.																			
Rock climbing	 p.m.																			
Roller disco	 a.m.																			
Destination	Departs																			
York	07 : 10 a.m.																			
New Pudsey	09 : 25 a.m.																			
Bramley	09 : 42 a.m.																			
Leeds	10 : 03 a.m.																			

Task 4

LF Analogue to Digital time Try it	LF Analogue to Digital time Apply it	LF Analogue to Digital time Deepen it
<p>Write these times using a 24 hour digital clock.</p> <p>4pm</p> <p>8pm</p> <p>9pm</p> <p>11pm</p> <p>4:30pm</p> <p>7:25pm</p> <p>Match the analogue and digital times.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>a.m.</p> <div style="border: 1px solid blue; border-radius: 10px; padding: 2px 10px; display: inline-block;">13 : 10</div> </div> <div style="text-align: center;">  <p>p.m.</p> <div style="border: 1px solid blue; border-radius: 10px; padding: 2px 10px; display: inline-block;">07 : 10</div> </div> <div style="text-align: center;">  <p>p.m.</p> <div style="border: 1px solid blue; border-radius: 10px; padding: 2px 10px; display: inline-block;">00 : 45</div> </div> <div style="text-align: center;">  <p>a.m.</p> <div style="border: 1px solid blue; border-radius: 10px; padding: 2px 10px; display: inline-block;">21 : 20</div> </div> </div>	<p>Sally leaves school at the time shown. She arrives home 1 hour later. What will the time be on a 24 hour digital clock?</p> <div style="border: 1px solid gray; padding: 10px; margin-top: 20px;"> <p>Jack says,</p>  <div style="border: 1px solid purple; border-radius: 15px; padding: 10px; background-color: #e6e6fa; display: inline-block; margin-left: 10px;"> <p>To change any time after midday from 12 hours to 24 hours digital time just add 12 to the hours</p> </div> </div> <p>Will this always be true? Are there any examples where this isn't the case?</p>	<p>Three children are meeting in the park.</p> <div style="margin-top: 20px;"> <p>Rosie says,</p>  <div style="border: 1px solid red; border-radius: 15px; padding: 10px; background-color: #ffe6e6; display: inline-block; margin-left: 10px;"> <p>We are meeting at 14:10.</p> </div> </div> <div style="margin-top: 20px;"> <p>Teddy says,</p>  <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; background-color: #e6f2ff; display: inline-block; margin-left: 10px;"> <p>We are meeting at 02:10 p.m.</p> </div> </div> <div style="margin-top: 20px;"> <p>Eva says,</p>  <div style="border: 1px solid green; border-radius: 15px; padding: 10px; background-color: #e6ffe6; display: inline-block; margin-left: 10px;"> <p>We are meeting at ten to two.</p> </div> </div> <p>Will all the children meet at the same time? Explain your answer.</p> <p>Tom thinks that "25 minutes to 9 on an analogue clock would be written as 25:09 on a digital clock." Is he correct? Explain your answer.</p>