

**Task 1**

**Practice**  
Match the minutes to the correct number of hours:

1a.

1 hour 40 minutes	115 minutes
1 hour 55 minutes	85 minutes
1 hour 25 minutes	100 minutes

1b.

1 hour 50 minutes	95 minutes
1 hour 35 minutes	110 minutes
1 hour 10 minutes	70 minutes

1c.

2 hours 45 minutes	125 minutes
2 hours 5 minutes	180 minutes
3 hours 0 minutes	165 minutes

Complete the sentence stems:

2a. There are 24 hours in a day.

2b. There are 48 hours in 2 days.

2c. There are 36 hours in 1 and a half days.

**Task 2**

**Practice**  
Draw and complete the tables:

1a.

Number of days in the ninth month of the year	<b>30</b>
Number of months in 2010	<b>12</b>
Number of days in <b>February</b> in a leap year	29

1b.

Number of days in the month before June	<b>31</b>
Number of days in <b>2012</b> or <b>2016</b>	366
Number of months between March and July	<b>3</b>

1c.

Number of days in March and April	<b>61</b>
Number of days in 2 non-leap years	<b>730</b>
Number of <u>months</u> in two years	24

Write the date a week later:

2a.

5 <sup>th</sup> July	<b>12<sup>th</sup> July</b>
2 <sup>nd</sup> February	<b>9<sup>th</sup> February</b>

Write the date a week earlier:

2b.

3 <sup>rd</sup> January 2018	<b>27<sup>th</sup> December 2017</b>
4 <sup>th</sup> April 2013	<b>28<sup>th</sup> March 2013</b>

Task 3	Task 4																		
<p><b>Reasoning</b> Explain your answers.</p> <p>5a. Liam is correct because there are 60 minutes in 1 hour. <math>60 + 35 = 95</math></p> <p>6a. 1 hour 55 minutes will not fit in the table because 1 hour and 55 minutes is 115 minutes and that is more than 110 minutes.</p> <p>7a. always true – B, D; sometimes true – A and never true – C</p>	<p><b>Problem solving</b></p> <p>4b. Various possible answers, for example: 24, 27, 29, 42, 47</p> <p>7b. Various possible answers, for example: 42, 43, 45, 52, 53, 54</p> <p>9b.</p> <table border="1" data-bbox="871 1373 1458 1552"> <tr> <td>Mateo</td> <td>30</td> <td>/</td> <td>4</td> <td>/</td> <td>1999</td> </tr> <tr> <td>Harry</td> <td>14</td> <td>/</td> <td>5</td> <td>/</td> <td>2012</td> </tr> <tr> <td>Cara</td> <td>29</td> <td>/</td> <td>2</td> <td>/</td> <td>2008</td> </tr> </table>	Mateo	30	/	4	/	1999	Harry	14	/	5	/	2012	Cara	29	/	2	/	2008
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Harry	14	/	5	/	2012														
Cara	29	/	2	/	2008														

**Challenge**

1. Read the information about Alice to work out the answers to the questions below.

I was born on 29<sup>th</sup> February 2004 and I am 15 years old. When it is a leap year, I celebrate my birthday on 29<sup>th</sup> February but all other years I celebrate on the 28<sup>th</sup>. My grandma sends me an extra special birthday card when I celebrate on the 29<sup>th</sup>.



A. List the years when Alice has been able to celebrate on 29<sup>th</sup> February.  
**2008, 2012, 2016**

B. List the years when Alice has celebrated on 28<sup>th</sup> February.  
**2005, 2006, 2007, 2009, 2010, 2011, 2013, 2014, 2015, 2017, 2018, 2019**

C. How many extra special birthday cards has she received?  
**3**

D. Will she receive an extra special card from her grandma on her 18<sup>th</sup> birthday?  
**No, she will not turn 18 during a leap year.**