

Wednesday Activity: Time

Key facts to remember when answering questions:

- | | |
|---------------------------------|-------------------------|
| 1 minute = 60 sec (secs) | 7 days = 1 week (wk) |
| 1 hour (hr) = 60 minutes (mins) | 52 wks = 1 year (yr) |
| 24 hrs = 1 day | 12 months (mths) = 1 yr |

Please choose the level that best suits you: **green**, **pink** or **purple**.









There are 2 parts in each level. Please answer both parts.

An extension is provided for each level.

Why not challenge yourself? Do more than one level.

Green

Part 1:



<p>1a. Match the equivalent times.</p> <table><tbody><tr><td>360 seconds</td><td>6 minutes</td></tr><tr><td>600 seconds</td><td>10 minutes</td></tr></tbody></table> <p> VF </p>	360 seconds	6 minutes	600 seconds	10 minutes	<p>1b. Match the equivalent times.</p> <table><tbody><tr><td>21 days</td><td>5 weeks</td></tr><tr><td>35 days</td><td>3 weeks</td></tr></tbody></table> <p> VF </p>	21 days	5 weeks	35 days	3 weeks
360 seconds	6 minutes								
600 seconds	10 minutes								
21 days	5 weeks								
35 days	3 weeks								
<p>2a. True or false?</p> <p>28 days < 3 weeks</p> <p> VF </p>	<p>2b. True or false?</p> <p>600 minutes = 6 hours</p> <p> VF </p>								

<p>3a. Complete the statement below.</p> <p style="text-align: center;">24 months = <input style="width: 40px; height: 20px;" type="text"/></p> <p>A. 2 years B. 3 years</p> <p> VF</p>	<p>3b. Complete the statement below.</p> <p style="text-align: center;">300 seconds > <input style="width: 40px; height: 20px;" type="text"/></p> <p>A. 3 minutes B. 5 minutes</p> <p> VF</p>
<p>4a. Sort the times into ascending order.</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #f0e6ff;">4 hours</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #add8e6;">2 hours</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90ee90;">180 minutes</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #ffcc99;">60 minutes</div> </div> <p> VF</p>	<p>4b. Sort the times into descending order.</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #f0e6ff;">6 years</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #add8e6;">60 months</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90ee90;">36 months</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #ffcc99;">4 years</div> </div> <p> VF</p>

Part 2:







<p>1a. Arrange the cards into a correct number sentence.</p> <div style="text-align: center; margin: 20px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90ee90; width: 60px; margin: 0 auto;">></div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #add8e6; width: 60px; text-align: center;">4 minutes</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff2cc; width: 60px; text-align: center;">300 seconds</div> </div> <p> PS</p>	<p>1b. Arrange the cards into a correct number sentence.</p> <div style="text-align: center; margin: 20px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90ee90; width: 60px; margin: 0 auto;"><</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #add8e6; width: 60px; text-align: center;">5 years</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff2cc; width: 60px; text-align: center;">48 months</div> </div> <p> PS</p>
<p>2a. Jack says,</p> <div style="display: flex; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff2cc; width: 150px; text-align: center;">I'm going to a concert in 70 days!</div> </div> <p style="text-align: right; margin-right: 20px;">Mia says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff2cc; width: 150px; text-align: center; margin-right: 10px;">That's only 7 weeks away!</div> </div> <p>Is Mia correct? Explain your reasoning.</p> <p> R</p>	<p>2b. Logan says,</p> <div style="display: flex; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff2cc; width: 150px; text-align: center;">I finished the race in 3 minutes.</div> </div> <p style="text-align: right; margin-right: 20px;">Zairah says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #fff2cc; width: 150px; text-align: center; margin-right: 10px;">Wow! That's only 180 seconds!</div> </div> <p>Is Zairah correct? Explain your reasoning.</p> <p> R</p>

Extension:

<p>3a. Some children at Oakland Primary School are celebrating their birthday.</p> <p>Cameron is 108 months old.</p> <p>Kayleigh is 8 years old.</p> <p>Lee is 84 months old.</p> <p>Who is the youngest?</p> 	<p>3b. Three friends take a nap before they go to a party.</p> <p>Evie sleeps for 120 minutes.</p> <p>Raheem sleeps for 3 hours.</p> <p>Leticia sleeps for 240 minutes.</p> <p>Who has the longest nap?</p> 
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Pink

Part 1:

<p>5a. Match the equivalent times.</p> <table style="width: 100%;"> <tr> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">132 minutes</td> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">3 hours 8 minutes</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">90 minutes</td> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">2 hours 12 minutes</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">188 minutes</td> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">1 hour 30 minutes</td> </tr> </table> 	132 minutes	3 hours 8 minutes	90 minutes	2 hours 12 minutes	188 minutes	1 hour 30 minutes	<p>5b. Match the equivalent times.</p> <table style="width: 100%;"> <tr> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">100 days</td> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">13 weeks 2 days</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">93 days</td> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">12 weeks 1 day</td> </tr> <tr> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">85 days</td> <td style="border: 1px solid black; border-radius: 10px; padding: 5px; text-align: center;">14 weeks 2 days</td> </tr> </table> 	100 days	13 weeks 2 days	93 days	12 weeks 1 day	85 days	14 weeks 2 days
132 minutes	3 hours 8 minutes												
90 minutes	2 hours 12 minutes												
188 minutes	1 hour 30 minutes												
100 days	13 weeks 2 days												
93 days	12 weeks 1 day												
85 days	14 weeks 2 days												
<p>6a. True or false?</p> <p>4 years 6 months = 52 months</p> 	<p>6b. True or false?</p> <p>330 seconds > 5 minutes 30 seconds</p> 												
<p>7a. Complete the statement below.</p> <p style="text-align: center;">24 days > <input style="width: 40px; height: 20px;" type="text"/></p> <p>A. 3 weeks 2 days B. 3 weeks 3 days C. 3 weeks 4 days</p> 	<p>7b. Complete the statement below.</p> <p style="text-align: center;">65 months = <input style="width: 40px; height: 20px;" type="text"/></p> <p>A. 5 years 5 months B. 5 years 6 months C. 6 years 5 months</p> 												

<p>8a. Sort the times into ascending order.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #f0e6ff; text-align: center;">650 seconds</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #cce5ff; text-align: center;">10 minutes 20 seconds</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #c8e6c9; text-align: center;">10 minutes 30 seconds</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #ffe0b2; text-align: center;">610 seconds</div> </div> <p style="text-align: right; font-size: small;">VF</p>	<p>8b. Sort the times into descending order.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #f0e6ff; text-align: center;">146 minutes</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #cce5ff; text-align: center;">1 hour 56 minutes</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #c8e6c9; text-align: center;">1 hour 45 minutes</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; background-color: #ffe0b2; text-align: center;">85 minutes</div> </div> <p style="text-align: right; font-size: small;">VF</p>
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Part 2:

<p>4a. Arrange the cards into a correct number sentence. Find all the possibilities using both symbols.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #c8e6c9; text-align: center;">></div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #fff9c4; text-align: center;">3,780 seconds</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #bbdefb; text-align: center;">3,900 seconds</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #ffe0b2; text-align: center;"><</div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #f0e6ff; text-align: center;">72 minutes</div> </div> <p style="text-align: right; font-size: small;">PS</p>	<p>4b. Arrange the cards into a correct number sentence. Find all the possibilities using both symbols.</p> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #c8e6c9; text-align: center;">=</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #fff9c4; text-align: center;">66 months</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #bbdefb; text-align: center;">55 months</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #ffe0b2; text-align: center;"><</div> </div> <div style="text-align: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 100px; height: 40px; background-color: #f0e6ff; text-align: center;">5 years 6 months</div> </div> <p style="text-align: right; font-size: small;">PS</p>
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








<p>5a. Kelsey says,</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; text-align: center;">It's my birthday in 13 weeks!</div> </div> <p style="text-align: right; margin-right: 20px;">Joe says,</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; text-align: center; margin-right: 10px;">Only 80 days to go!</div> </div> <p>Is Joe correct? Explain your reasoning.</p> <p style="text-align: right; font-size: small;">R</p>	<p>5b. Lily says,</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; text-align: center;">I'm going to the beach in 35 hours!</div> </div> <p style="text-align: right; margin-right: 20px;">Ravi says,</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; width: 150px; height: 40px; text-align: center; margin-right: 10px;">3 days and 5 hours to go!</div> </div> <p>Is Ravi correct? Explain your reasoning.</p> <p style="text-align: right; font-size: small;">R</p>
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Extension:

<p>6a. Class 5 complete their Ancient Egyptians craft project.</p> <p>Alfie makes a canopic jar in 2 hours 30 minutes.</p> <p>Chloe makes a paper scroll in 115 minutes.</p> <p>Lucy makes a pyramid in 2 hours 40 minutes.</p> <p>Who makes their craft the quickest?</p> <p style="text-align: right; font-size: small;">PS</p>	<p>6b. Three children compete in a race.</p> <p>Ella finishes in 4 minutes 8 seconds.</p> <p>Harry finishes in 252 seconds.</p> <p>Aamina finishes in 3 minutes 90 seconds.</p> <p>Who finishes the race last?</p> <p style="text-align: right; font-size: small;">PS</p>
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Purple

Part 1:

<p>9a. Match the equivalent times.</p> <table border="0"> <tbody> <tr> <td>3,600 seconds</td> <td>0.5 hours</td> </tr> <tr> <td>1,800 seconds</td> <td>1.5 hours</td> </tr> <tr> <td>5,400 seconds</td> <td>1 hour</td> </tr> <tr> <td>2,700 seconds</td> <td>0.75 hours</td> </tr> </tbody> </table> <p> VF </p>	3,600 seconds	0.5 hours	1,800 seconds	1.5 hours	5,400 seconds	1 hour	2,700 seconds	0.75 hours	<p>9b. Match the equivalent times.</p> <table border="0"> <tbody> <tr> <td>120 hours</td> <td>4 days</td> </tr> <tr> <td>96 hours</td> <td>6 days</td> </tr> <tr> <td>144 hours</td> <td>10 days</td> </tr> <tr> <td>240 hours</td> <td>5 days</td> </tr> </tbody> </table> <p> VF </p>	120 hours	4 days	96 hours	6 days	144 hours	10 days	240 hours	5 days
3,600 seconds	0.5 hours																
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120 hours	4 days																
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144 hours	10 days																
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<p>10a. True or false?</p> <p style="text-align: center;">76 weeks < 1.5 years</p> <p> VF </p>	<p>10b. True or false?</p> <p style="text-align: center;">1 week = 168 hours</p> <p> VF </p>																
<p>11a. Complete the statement below.</p> <p style="text-align: center;">84 hours = <input type="text"/></p> <p>A. 3.5 days B. 4.5 days C. 5 days D. 6.5 days</p> <p> VF </p>	<p>11b. Complete the statement below.</p> <p style="text-align: center;">2,880 minutes = <input type="text"/></p> <p>A. 1 day B. 1.5 days C. 2 days D. 2.5 days</p> <p> VF </p>																
<p>12a. Sort the times into ascending order.</p> <table border="0"> <tbody> <tr> <td>0.75 hours</td> <td>6,060 seconds</td> </tr> <tr> <td>98 minutes</td> <td>2.5 hours</td> </tr> <tr> <td>4,500 seconds</td> <td>100 minutes</td> </tr> </tbody> </table> <p> VF </p>	0.75 hours	6,060 seconds	98 minutes	2.5 hours	4,500 seconds	100 minutes	<p>12b. Sort the times into descending order.</p> <table border="0"> <tbody> <tr> <td>144 weeks</td> <td>18 months</td> </tr> <tr> <td>60 months</td> <td>2 years</td> </tr> <tr> <td>48 months</td> <td>156 weeks</td> </tr> </tbody> </table> <p> VF </p>	144 weeks	18 months	60 months	2 years	48 months	156 weeks				
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Part 2:

<p>7a. Arrange the cards into a correct number sentence. Find all the possibilities using 3 symbols.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <div style="border: 1px solid black; background-color: #d9ead3; padding: 5px; margin-bottom: 5px;"><</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 5px; margin-bottom: 5px;">9,000 seconds</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 5px; margin-bottom: 5px;">=</div> </div> <div style="text-align: center;"> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-bottom: 5px;">1.75 hours</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-bottom: 5px;">></div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-bottom: 5px;">2 hours</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-top: 10px;">105 minutes</div> </div> </div> <p style="text-align: right; font-size: small;">PS</p>	<p>7b. Arrange the cards into a correct number sentence. Find all the possibilities using 3 symbols.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <div style="border: 1px solid black; background-color: #d9ead3; padding: 5px; margin-bottom: 5px;">=</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 5px; margin-bottom: 5px;">1,440 minutes</div> <div style="border: 1px solid black; background-color: #d9ead3; padding: 5px; margin-bottom: 5px;">></div> </div> <div style="text-align: center;"> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-bottom: 5px;">168 hours</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-bottom: 5px;"><</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-bottom: 5px;">8 days</div> <div style="border: 1px solid black; background-color: #fff2cc; padding: 5px; margin-top: 10px;">192 hours</div> </div> </div> <p style="text-align: right; font-size: small;">PS</p>
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<p>8a. Mo says,</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; text-align: center;">I'll be 16 in 4 years.</div> </div> <p style="text-align: right; margin-right: 50px;">Ellie says,</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; text-align: center; margin-right: 10px;">That's 208 weeks away!</div> </div> <p>Is Ellie correct? Explain your reasoning.</p> <p style="text-align: right; font-size: small;">R</p>	<p>8b. Maisie says,</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; text-align: center;">The test starts in 3 hours!</div> </div> <p style="text-align: right; margin-right: 50px;">Oscar says,</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; text-align: center; margin-right: 10px;">That's 10,800 more seconds yet!</div> </div> <p>Is Oscar correct? Explain your reasoning.</p> <p style="text-align: right; font-size: small;">R</p>
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Extension:

<p>9a. Some children are going away on holiday this summer.</p> <p>Hanshika is going to Spain for 3 weeks. James is going to Turkey for 26 days. Ellis is going to Florida for 240 hours. Izzy is going to France for 2.5 weeks.</p> <p>Who is going on the shortest holiday?</p> <p style="text-align: right; font-size: small;">PS</p>	<p>9b. Four athletes are training for a world championship tournament.</p> <p>Shannon has trained for 68 months. Jaiden has trained for 4.75 years. Lexi has trained for 156 weeks. Will has trained for 5.25 years.</p> <p>Who has trained for the shortest time?</p> <p style="text-align: right; font-size: small;">PS</p>
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