
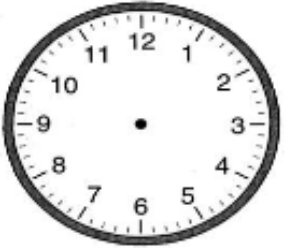



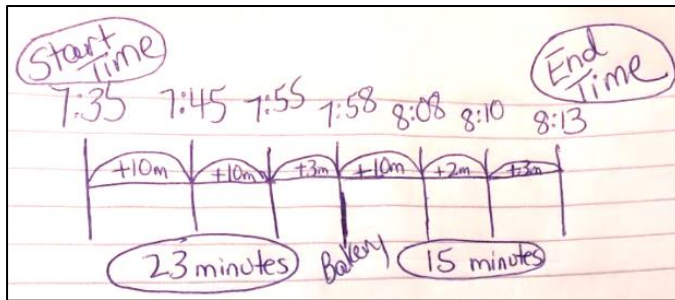
Exploring Time

<p style="text-align: center;">Overarching Student Learning Goals</p> <p style="text-align: center;">In this unit, your child will work to build an understanding of the following:</p>	<p style="text-align: center;">Resources/Tasks to support your child at home.</p>
<p>Tell and write time to the nearest minute.</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p>Students are able to determine the digital time from an analog clock.</p> </div> <div style="border: 1px solid black; padding: 5px; width: 45%;"> <p>Students are also able to create the analog clock from a given digital time.</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  <div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">:</div> </div> <div style="text-align: center;">  <div style="border: 1px solid black; padding: 5px; width: 60px; margin: 0 auto;">4:15</div> </div> </div>	<ul style="list-style-type: none"> • <u>It's That Time!</u> – Randomly throughout the day yell, “It’s that Time!” and have your child look at their analog wrist watch to determine the time to the nearest minute. • Florida Student Tutorial - https://bit.ly/2EmFISl • Matching Clocks - https://bit.ly/2T6GMwe • LearnZillion: Reading Time to the Minute - https://bit.ly/2lsGJXg • Khan Academy: Reading a Clock - https://bit.ly/2TYl9eH • Time Travel: Learn to Tell Time - https://bit.ly/15xeoq6
<p>Use addition and subtraction to solve problems about time.</p> <p>Students use addition and subtraction with use of a number line tool to solve problems about time.</p> <p><i>Example: It is 11:15 AM. Lunch is at 11:50 AM. How many minutes until lunch?</i></p> <div style="text-align: center; margin: 10px 0;"> $15 \text{ minutes} + 20 \text{ minutes} = 35 \text{ minutes}$ </div> <div style="text-align: center;">  </div> <p>OR... $11:50 - 11:15 = 35 \text{ minutes}$</p>	<ul style="list-style-type: none"> • Pose problems involving elapsed time by giving the start and end time to a scenario or situation. Have your child use addition/subtraction on a number line to determine how much time it took, or the elapsed time. • LearnZillion: Solving Elapsed Time Problems to the Nearest Minute https://goo.gl/k1Pv7o • LearnZillion: Solving Elapsed Time Using a T-Chart https://goo.gl/Segwe2 • Khan Academy: Telling Time With Number Line https://goo.gl/CWUiST • Interactive Game: Stop the Clock https://goo.gl/z58ge4

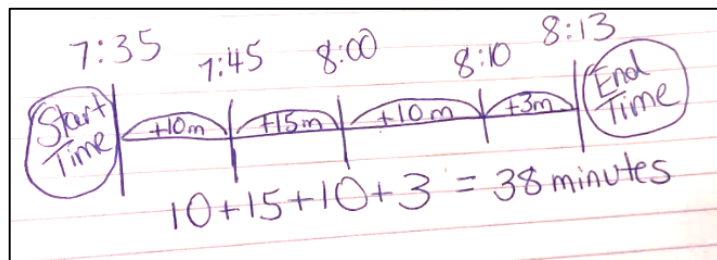
Grade 3

Solve one- and two-step problems about elapsed time (start time unknown, end time unknown, elapsed time). Students determine if the story problem is asking them to determine the start time, end time or elapsed time. They use number lines to solve.

Example One Step Elapsed Time Unknown Problem: Tony left for school at 7:35 A.M. He arrived at school at 8:13 A.M. How long did it take Tony to get to school?



Example Two Step End Time Unknown Problem: Tony left for school at 7:35 A.M. It took him 23 minutes to get to the bakery. It took him 15 minutes to get from the bakery to school. What time did Tony get to school?



- Have your child determine the elapsed time at home with different activities:
 - Amount of time it took to get from home to soccer practice.
 - Elapsed time of dinner baking.
 - Start time of an event when given elapsed time and end time.
 - Amount of time it takes on a family vacation to get from one location to another based on start time and end time given.
- Encourage your child to draw number line models when problem solving with end time, start time, and elapsed time story problems.
- Elapsed Time on a Virtual Clock - <https://bit.ly/1E7rLhB>
- Virtual Clocks - <https://bit.ly/2EkyTLC>
- LearnZillion: Identify the Start Time, End Time, Change Time in Problems <https://goo.gl/USqoey>
- Interactive Clock: Elapsed Time, Elapsed Time Two <https://goo.gl/v2gbws>