MATH IS EVERYWHERE, EVEN IN THE MUSEUM!

Perimeter and Time Elapsed

3rd Grade

Clocks in the Collection

The Chrysler Museum has many odd objects in its collection, including beautiful clocks. The problem is that none of them are set to the right time! We need your help!

What time is on the clock? How many hours and minutes are there until 12:00?

1

What time is it?

____ : _____

How many hours and minutes until 12:00?

____ : _____

2

What time is it?

____ : _____

How many hours and minutes until 12:00?

____ : _____

3

What time is it?

____ : _____

How many hours and minutes until 12:00?

____ : _____

4

What time is it?

____ : _____

How many hours and minutes until 12:00?

____ : _____

CREDITS

1. Geneva Clock Company, *Table Clock*, ca. 1925, Silver and enamel, Gift of Walter P. Chrysler, Jr., 78.215
2. Unknown, *Flower Form Clock*, ca. 1900, Gilt bronze and wood, Gift of Walter P. Chrysler, Jr., 83.416
3. Cartier, *Desk Clock*, ca. 1925, Silver and enamel, Gift of Walter P. Chrysler, Jr., 78.214
5 Photos Take Time
Most photographs can only capture one second. This photograph captures a full 31 hours! The artist, Chris McCaw, used a camera from 1913 to follow the sun in the Arctic Circle. If you follow the black line, you can see how the sun rises and sets. You can see some of the winds and storms on the horizons.
If Chris McCaw started taking this photograph at 1:00 p.m., what time would he have finished? ______

Framing the Perimeter
These tiny artworks need new frames! To make new frames, we need to know how much wood to buy. Can you help us by finding the perimeter of each artwork?

6 8” x 6”
What is the perimeter of this artwork? ______

7 4” x 3½”
What is the perimeter of this artwork? ______

8 4” x 3”
What is the perimeter of this artwork? ______

9 6” x 3”
What is the perimeter of this artwork? ______
What is the perimeter of this artwork? ________

What is the perimeter of this artwork? ________

What is the perimeter of this artwork? ________

CREDITS
5 Chris McCaw (American, b. 1971), Cirkut #7 (Galbraith Lake, Alaska, within the Arctic Circle, 31 hours), 2015, Unique constructed gelatin silver paper negative, Museum purchase with funds provided by Mr. Michael Bakwin, Penny H. and Peter M. Meredith, Jr., Joseph Waldo and Ashby Vail, Susan and David Goode, Oriana McKinnon, Dr. Henry A. Garrity, Christina Goode, Martha M. Goode and Blair Melnik, Virginia Clarke Hitch and John Hitch, Kirk and Amy Levy, Suzanne and Vince Mastracco, Charlotte and Gil Minor, Randy and Lelia Graham Webb, Dr. and Mrs. Robert C. Rowland, and Adriane and Stephen Thormalen © Chris McCaw, 2017.2

6 Henry Franklin Warren (American, 1834–1895), The Latest Photograph of President Lincoln. Taken on the Balcony at the White House, March 6, 1865, Albumen print (photograph), Gift of David L. Hack and Museum purchase, with funds from Walter P. Chrysler, Jr., by exchange, 98.32.312


8 Unknown, Miniature in manuscript by calligrapher Mir Imad, ca. 1600, Watercolor on paper, Museum purchase, 58.27.4A

9 Unknown, Miniature, 17th century, Opaque watercolor on paper, Museum purchase, 58.27.21

10 Barton Church (American, 1926–2013), Father’s Miniatures, 1964, Oil on Masonite, The Chrysler Museum, Norfolk, VA © Estate of Barton Church, 79.161

11 Gary Peirce (American, 1900–1968), Arizona, 1946, Etching, Gift of Mr. Eugene L. Garbaty, 54.42.13