### Question 1

**Points:** 18/20

-2 points: Your citation should be for the actual standard you used, not the database. You did provide a link to the correct standard, but check out the ASME citation information on the 2.009 Guide for how to cite a standard.

### Question 2

**Points:** 20/20

### Question 3

**Points:** 20/20

### Question 4

**Points:** 20/20

### Question 5

**Points:** 20/20

**Extra Credit:**

**Missed Points:**

**Final Score:** 98

**Additional Comments:**
2.009 Information Treasure Hunt – Orange A

1. You are designing a rear-mounted bicycle child carrier so that parents can introduce their young children to the world of bicycling. To make sure your carrier is safe, you need to know what specifications are needed for your design. You know there is a standard available to help you answer the following questions:
   a. What is the minimum height needed for the backrest of your carrier in millimeters and inches?
      350 mm, 13.8 in [1]
   b. What is the maximum weight of a child that can be transported in your carrier in pounds and kilograms?
      18 kg, 40 lbs [1]

2. It would be helpful to get some statistics on the size of the social networking sites industry in the United States.
   a. What is the revenue in $ of the social networking sites industry in the United States in 2021?
      62.5 billion projected [2]
   b. What specific company has the largest market share within this industry?
      Facebook [3]

3. You need to find a partner to help develop and commercialize (hopefully) your new product idea for a kind of smart phone. An industry expert has suggested to you that Apple, Inc. might be a potential partner. Before contacting them, learn more about Apple, Inc.
   Uncover the following facts about the company’s operations:
   a. The year when the company was founded or incorporated (or changed ownership)
   b. The address of their headquarters
      Apple Inc Cupertino
      One Apple Park Way
      95014-2083
      Cupertino
      United States [4]
   c. Total number of employees worldwide (i.e., all sites, if possible)
      147k all sites [5]
   d. Latest revenue (sales) figures
      274,515.0 million dollars [6]
   e. What is US 8-Digit SIC (Standard Industrial Classification) code for their primary industry?
      36639906 - Mobile communication equipment [7]
4. You would like to learn more about playgrounds, and you know that the right book can provide a good summary on this topic. Use the resources found on the 2.009 Guide (https://libguides.mit.edu/2-009) to answer the following questions:

a. Find a general book on playgrounds, available in the MIT Libraries. Provide a good citation for the book, including the library call # at the end of the citation and which library has the item (Dewey, Rotch, Barker, etc.) or if it is an eBook.

   Rotch Library Stacks GV425.A43 2004

b. To find more specific information, you want to read a scholarly article on the narrower topic of playground equipment safety.

   1. Use a database to search for an English language journal article on this topic published in 2010-2021. Provide a good citation for the article, and include the bibliographic database you used to find the citation.

      Found on the Web of Science database.

   2. Does MIT have a print subscription to this journal for the year that the article was published? If yes, in which library is it held? Does MIT have access to an electronic version of this article?

      The MIT libraries only seem to have the International Journal of Injury Control and Safety Promotion available as online electronic version, starting from 2005. The article can be accessed online.

5. You want to make sure your design or project idea is unique before you take it to a company or customer for production. Check the patent literature, and find one granted (not an application) United States utility patent for a telemedicine system.

a. What is the patent title?

   Intelligent telemedicine system [8]

b. What is the patent number? (Tip: numbers starting with D, e.g. D593812, are design patents, not utility patents. Numbers starting with the year, e.g. US20060201950, are applications, not granted patents)

   CN111477345A [8]

c. Who is the assignee? The inventor?

   Assignee: Sichuan Jundeli Telemedicine Technology Co., Ltd.
   Inventor: Cai, Liangcun [8]

d. Provide at least one classification code assigned to this patent (number and name, example: 446/486: Amusement Devices: Toys/ Resilient toy or actuator, OR A63F9/00: [8]
Sports;Games;Amusements: Card, board or roulette games; indoor games using small moving playing bodies, miscellaneous games: games not otherwise provided for

G06Q 10/02 - Reservations [8]

e. Where did you find this patent/what database did you use?

We used PatentScout to find this patent.


