1. How does the temperature of a tennis ball affect the height of its bounce?

2. How does the air pressure of a soccer ball affect how far it travels when kicked?

4. How does the weight of a bowling ball affect how many pins the ball knocks down?

6. How does yoga affect your flexibility?

10. How does the type of material affect how long a shirt takes to dry?

11. Which nail polish best resists chipping?

12. How does the fat content of cheese affect its stretchiness?

13. How does the length of time that a soda bottle is open affect its fizziness?

14. How does the temperature of water affect the time it takes to freeze into ice cubes?

16. How will adding different flavors of Kool-Aid® to water affect the water’s boiling point?

18. Does the flavor of gelatin affect the amount of time it takes to set?

23. How does a light bulb’s wattage affect the amount of heat detected above a light?

27. How does the amount of sugar in homemade ice cream affect how fast it freezes?

31. Given the same amount of water, how does pot size affect the amount of time it takes to boil water?

32. Where is the best place to store home baked cookies to keep them fresh longest?

33. How does the amount of yeast affect how high bread rises?

35. Which brand of chocolate bar melts fastest in the sun?

37. How does the type of container affect ice cream’s melting time?

39. Does the type of animal in a pet-store window affect the number of people who are attracted to the window?

 40. Does the color of a terrarium affect a lizard’s skin color?

43. How old does chewed gum have to be before it stops sticking to shoes?

47. How does a person’s age affect his or her flexibility?

48. How does a person’s age affect his or her ability to see at night?

49. How does the amount of air in a bicycle’s tires affect how long it takes the bike to brake?

50. How does the size of a bicycle’s tires affect how far it travels given a specific amount of pedaling?

53. How does the time of day affect your body’s temperature?

57. Does gender affect lung capacity?

58. If you are right-handed or left-handed, do you also prefer a certain foot?

60. Does the time of day affect your flexibility?

61. How does air temperature affect your flexibility?

64. How do various ski waxes affect the amount of friction between the ski and the snow?

66. How does shutter speed affect the color of a photograph?

69. How does gravity affect the direction of a plant’s growth?

77. What type of ground layers limit erosion most: sand, gravel, or soil?

83. What types of flowers attract the highest number of butterflies?

85. How does the material of a bandage affect its ability to stick after getting wet?

87. How does tire pressure affect a car’s fuel efficiency?

88. How does the amount of air in a balloon rocket affect how far it flies?

89. How does the type of string used in a “can and string” phone affect the phone’s ability to transmit sound?

90. Does one cell-phone carrier get better reception than other carriers?

94. Can people tell the difference between music played on an MP3 player, CD player, tape player, and turntable?

101. How does the type of stuffing in a pillow affect its fluffiness?

107. Does maple syrup’s “grade” affect its flow?

111. Do natural mosquito repellants keep more mosquitoes away than artificial repellants?

122. Does the weight of a baseball bat affect how far the ball goes when it is hit?

133. Does the length of a surfboard affect its stability?

134. Which stays fresher longer: organic or nonorganic fruit?

145. How does a person’s age affect reaction time?

160. Does the length of a bat affect how far a baseball will travel?

165. Does temperature affect the growth rate of shoots on a potato?

167. How does the shape of a boat’s hull affect its speed?

 169. Which best helps prevent soil erosion on a slope: plants, rocks, or mulch?

170. Does one brand of antacid neutralize acids faster than another?

177. Does a person’s weight vary throughout the day?

178. Do certain bicycle helmets hold up better after an impact than others?

179. Can you skate faster with in-line skates or roller skates?

181. Does bread stay fresher longer when it is kept in the refrigerator or on the counter?

183. Which lightens stains better: vinegar or lemon juice?

184. Which type of bread toasts fastest?

185. Do bigger lemons have more seeds than smaller ones?

186. Does squinting improve your vision?

 187. Do fans really make you cooler or do they just make you feel like you’re cooler?

 188. Do taller people take longer strides than shorter people?

189. Can you judge depth as well using just one eye than using two?

190. Does your “handedness” have any relation to which eye is stronger?

 191. Does exercise increase or decrease your energy level?

192. How does your sight affect your balance?

193. Which do people prefer: a booth or a table toward the middle of a restaurant?

196. Does eye color affect how well a person sees?

 197. Does toothpaste with whitener whiten teeth more than regular toothpaste?