64. Lori ran miles Monday, miles Tuesday, 4 miles Wednesday, and miles on Thursday. What is the average number of miles Lori ran? a. 5 b. 4 c. 4 d. 4

65. Last year Jonathan was inches tall. This year he is inches tall. How many inches did he grow? a. b. 4 c. d. 5

66. Larry spends hour twice a day walking and playing with his dog. He also spends 1/6 hour twice a day feeding his dog. How much time does Larry spend on his dog each day? a. 11/12 hour b. hours c. hours d. hours

67. The ﬁrst section of a newspaper has 16 pages. Advertisements take up 3 of the pages. How many pages are not advertisements? a. b. c. 13 d.

68. Lisa was assigned 64 pages to read for English class. She has ﬁnished 3/4 of the assignment. How many more pages must she read? a. 48 b. 21 c. 16 d. 8

69. Mark has three oz cans of tomatoes and ﬁve oz cans. How many ounces of tomatoes does Mark have? a. b. c. 54 d.

70. Joe walked miles to school, 1/3 mile to work, and miles to his friend’s house. How many miles did Joe walk altogether? a. b. c. d. 4

71. Justin read 1/8 of a book the ﬁrst day, 1/3 the second day, and 1/4 the third day. On the fourth day he ﬁnished the book. What part of the book did Justin read on the fourth day? a. 2/5 b. 3/8 c. 7/24 d. 17/24

72. Tammi babysat for hours. She charged $7 an hour. How much should she get paid? a. $28.50 b. $35 c. $28 d. $31.50

73. The painting crew has miles of center lines to paint on the highway. If they have completed miles, how many miles do they have to go? a. b. c. d.

74. Which of the fractions below is greater than ? a. b. c. d.

75. Allison baked a cake for Guy’s birthday; of the cake was eaten at the birthday party. The next day, Guy ate half of what was left. How much of the cake did Guy eat the next day? a. b. c. d.

76. Josh practiced his clarinet for of an hour. How many minutes did he practice? a. 83 b. 50 c. 8.3 d. 55

77. Tike Television has six minutes of advertising space every 15 minutes. How many 3/4 minute commercials can they ﬁt in the six-minute block? a. b. 8 c. 20 d. 11

78. Betty grew 3/4 inch over the summer. Her friends also measured themselves and found that Susan grew 2/5 inch, Mike grew 5/8 inch, and John grew 1/2 inch. List the friends in order of who grew the least to who grew the most. a. Betty, John, Mike , Susan b. Susan, Mike, John, Betty c. John, Mike, Betty, Susan d. Susan, John, Mike, Betty

79. Darma traveled 12 hours to visit her grandmother; she spent 5/6 of her travel time on the highway. How many hours were not spent on the highway? a. 3 hours b. hours c. hours d. 2 hours

80. The Grecos are taking an mile walk. If they walk at an average speed of miles per hour, how long will it take them? a. hours b. hours c. hours d. 5 hours

81. The town’s annual budget totals $32 million. If 2/5 of the budget goes toward education, how many dollars go to education? a. million b. million c. 16 million d. million

82. Amy worked 4/5 of the days last year. How many days did she work? (1 year = 365 days). a. 273 b. 300 c. 292 d. 281

83. Linus wants to buy ribbon to make three bookmarks. One bookmark will be inches long and the other two will be inches long. How much ribbon should he buy? a. 26 inches b. 19 inches c. inches d. 27 inches

84. Rita caught ﬁsh that weighed lb, lb, and lb. What was the total weight of all the ﬁsh that Rita caught? a. lb b. lb c. lb d. lb

85. A rectangular garden is yards by 3 yards. How many yards of fence are needed to surround the garden? a. b. c. 15 d. 14

86. The soccer team is making pizzas for a fundraiser. They put 1/3 of a package of cheese on each pizza. If they have 12 packages of cheese, how many pizzas can they make? a. 36 b. 4 c. 24 d. 27

87. Dan purchased yards of mulch for his garden. Mulch costs $25 a yard. How much did Dan pay for his mulch? a. $75.00 b. $87.50 c. $64.25 d. $81.60

88. Mr. Hamilton owns acres of land. He plans to buy more acres. How many acres will he own? a. b. c. d. 4

89. Lucy worked hours last week and earned $195. What is her hourly wage? a. $7.35 b. $5.00 c. $6.09 d. $6.00

90. A sheet of plywood is feet wide and feet long. What is the area of the sheet of plywood? a. sq ft b. sq ft c. 21 sq ft d. 11 sq ft

91. Rosa kept track of how many hours she spent reading during the month of August. The ﬁrst week she read for hours, the second week for hours, the third week for hours, and the fourth week for hours. How many hours altogether did she spend reading in the month of August? a. b. 16 c. d.

92. During a commercial break in the Super Bowl, there were three 1/2 -minute commercials and ﬁve 1/4 -minute commercials. How many minutes was the commercial break? a. b. 3/4 c. d. 5

93. Dakota’s Restaurant served 715 dinners on Saturday night. On Monday night they only served 2/5 as many. How many dinners did they serve on Monday? a. 143 b. 286 c. 429 d. 385

94. Michelle is making a triple batch of chocolate chip cookies. The original recipe calls for 3/4 cup of brown sugar. How many cups should she use if she is tripling the recipe? a. 1/4 b. 3 c. d.

95. The numerator of a fraction is 4 and the denominator of the same fraction is 3. Which of the following statements is true? a. The value of the fraction is less than 1. b. The value of the fraction is greater than 1. c. The value of the fraction is less than 0. d. The value of the fraction is greater than 2.

96. The Cheshire Senior Center is hosting a bingo night; $2,400 in prize money will be given away. The ﬁrst winner of the night will receive 1/3 of the money. The next ten winners will receive 1/10 of the remaining amount. How many dollars will each of the ten winners receive? a. $240 b. $800 c. $160 d. $200

97. 3/8 of the employees in the Acme Insurance Company work in the accounting department. What fraction of the employees does NOT work in the accounting department? a. 10/16 b. 5/16 c. 3/4 d. ½

98. A bag contains 36 cookies. Kyle eats 8 of the cookies. What fraction of the cookies is left? a. 3/4 b. 7/9 c. 4/5 d. 5/6

99. Marci’s car has a 12-gallon gas tank. Her fuel gauge says that there is 1/8 of a tank left. How many gallons of gas are left in the tank? a. 3 b. c. 3/4 d.

100. Joey, Aaron, Barbara, and Stu have been collecting pennies and putting them in identical containers. Joey’s container is 3/4 full, Aaron’s is 3/5 full, Barbara’s is 2/3 full, and Stu’s is 2/5 full. Whose container has the most pennies? a. Joey b. Aaron c. Barbara d. Stu

101. What fraction of the circle below is shaded? a. 2/3 b. 1/2 c. 5/6 d. 1/3

102. Michelle’s brownie recipe calls for cup of sugar. How much sugar does she need if she triples the recipe? a. cups b. cups c. cups d. 5 cups

103. What fraction of the ﬁgure below is shaded? a. 1/3 b. 3/4 c. 3/8 d. 5/16

104. Mr. Reynolds owns acres of land. He plans to buy the property next to his, which is acres. How many acres will Mr. Reynolds own after the purchase? a. b. c. d.

105. What fraction of the ﬁgure below is shaded?  a. 5/8 b. ½ c. ¾ d. 7/16

106. How many eighths are in ? a. 43 b. 48 c. 35 d. 7

107. Kim is baking cookies for a large party and wants to double the recipe. The original recipe calls for 2/3 cup of sugar. How many cups should she use for the double batch? a. 5/6 b. c. d. 4/6

108. Mr. Johnson owns acres. He sells half of his land. How many acres does he own after the sale? a. b. c. d.

109. Which of the following is NOT equivalent to 3/5 ? a. 6/15 b. 0.6 c. 15/25 d. 60%

110. The local ﬁreﬁghters are doing a “ﬁll the boot” fundraiser. Their goal is to raise $3,500. After 3 hours, they have raised $2,275. Which statement below is accurate? a. They have raised 35% of their goal. b. They have 7/20 of their goal left to raise. c. They have raised less than 1/2 of their goal. d. They have raised more than 3/4 of their goal.

111. Lori has half a pizza left over from dinner last night. For breakfast, she eats 1/3 of the leftover pizza. What fraction of the original pizza remains after Lori eats breakfast? a. 1/4 b. 1/6 c. 1/3 d. 3/8

112. Which fraction below is closest to 1/2 ? a. 2/3 b. 7/10 c. 5/6 d. 3/5

113. A large coffee pot holds 120 cups. It is about two-thirds full. About how many cups are in the pot? a. 40 cups b. 80 cups c. 60 cups d. 90 cups

114. An airport is backlogged with planes trying to land and has ordered planes to circle until they are told to land. A plane is using fuel at the rate of gallons per hour, and it has gallons left in its tank. How long can the plane continue to ﬂy? a. hours b. 2/3 hours c. hours d. 3/4 hours

115. A carpenter receives measurements from a homeowner for a remodeling project. The homeowner lists the length of a room as feet, but the carpenter would prefer to work in feet and inches. What is the measurement in feet and inches? a. 12 feet 9 inches b. 12 feet 8 inches c. 12 feet 6 inches d. 12 feet 3 inches

116. The state of Connecticut will pay two ﬁfths of the cost of a new school building. If the city of New Haven is building a school that will cost a total of $15,500,000, what will the state pay? a. $3,100,000 b. $7,750,000 c. $6,200,000 d. $4,550,000

117. One-fourth of an inch on a map represents 150 miles. The distance on the map from Springﬁeld to Oakwood is inches. How many miles is it from Springﬁeld to Oakwood? a. 600 miles b. 2,100 miles c. 1,050 miles d. 5,250 miles

118. Robert brings a painting to the framing store to be framed. He chooses a frame with a 8 in by 10 in opening. The painting is in by in. A mat will be placed around the painting to ﬁll the 8 in by 10 in opening. If the painting is perfectly centered, what will the width of the mat be on each side of the painting? See the diagram below. a. in b. in c. in d. in

119. Mrs. Johnston’s class broke into teams of three students each to play a game. The winning team received a 1/2 pound jar of jellybeans. How many pounds of jellybeans will each team member get if the 1 2 pound jar is shared equally among the three teammates? a. 1/3 pound b. 1/6 pound c. 2/5 pound d. 2/9 pound

120. Chuck is making a patio using foot cement squares. The patio will be 10 cement squares by 10 cement squares. If the cement squares are placed right next to each other without any space in between, what will the dimensions of the patio be? a. 10 ft by 10 ft b. 20 ft by 20 ft c. ft by ft d. 15 ft by 15 ft

121. Samantha’s Girl Scout troop is selling holiday wreaths. Each wreath has a bow that uses 2/3 yard of ribbon. How many bows can Samantha make from a spool of ribbon that is 10 yards long? a. 15 b. 12 c. 9 d. 8

122. Lindsay and Mark purchased a 3/4 acre plot of land to build a house. Zoning laws require that houses built on less than 1 acre take up no more than half the land. What is the largest amount of land that Lindsay and Mark’s house can cover? a. 3/8 acre b. ½ acre c. ¼ acre d. 5/8 acre

123. Mr. Grove was watching the price of a stock he recently bought. On Monday, the stock was at . By Friday, the stock had fallen to . How much did the stock price decline? a. b. c. d.

124. Where = , what is the value of x? a. 21 b. 6 c. 7 d. 18

125. Land in a development is selling for $60,000 per acre. If Jack purchases acres, how much will he pay? a. $45,000 b. $135,000 c. $105,000 d. $120,000