Ratios (rate, fraction) Key Words

4. Stefan is paid 280 per mile for travel. Last week he traveled 67 miles on

Monday, 125 miles on Tuesday, 89 miles on Wednesday, 131 miles on

Thursday, and 96 miles on Friday. What was his travel reimbursement last

week?

A. $142.24

B. $115.36

,C. $50.08

D. $128.00

E. Not Given

5. Megan cut her son’s bh-thday cake into four equal pieces and then she cut

each of those pieces into thirds. What fraction of the whUe cake was each

smaller piece?

A. 1/3

B. 1/4

C. 1/12

D. 1/16

E. Not Given

7. At McDonaid’s they can make 6 smafl hamburgers out of a pound of meat.

Each hamburger costs 980. How much money is taken in on 25 pounds of

hamburger?

A. $98

B. $256

C. $147

D. $127

E. Not Given

11. If 170 grams of dry pasta makes 5 servings, how much dry pasta will be needed to serve 7 people?

A. 177 grams

B. 182 grams

C. 340 grams

D. 238 grams

E. Not Given

13. Erica bough 2/3 yard of blue ribbon, 3/8 yard of green ribbon, and 2/3 yard of red ribbon. How much ribbon did she buy in all?

A. 1 17/24yd

B. 1 1/3 yd

C. 1 1/24 yd

D. 17/24 yd

E. Not Given

14. A book has 320 pages of text. It also has an additional 16 pages of photographs. What is the ratio of text pages to photo pages in simplest form?

A. 320 to 16

B. 160 to 8

C. 80 to 4

D. 20 to 1

E. Not Given

19. A bus trip from San Francisco to Los Angeles is 350 miles. The trip took 5 hours. What is the average speed of the bus to the nearest mile per hour?

A. 64 mph

B. 70 mph

C. 65 mph

D.55 mph

E. Not Given

20. A pizza costs $ 8.75. If you cut each pizza into 8 equal slices and sell them for $1.50 a piece, how much profit will you make if you sell 80 pieces?

A. $3.25

B. $7.25

C. $80.50

D. $50.50

E. Not Given

23. What is 15/16 x 24/25 in lowest form?

A. 360/400

B. 9/25

C. 9/10

D. 15/24

E. Not Given

27. Divide. 1/3 ÷ 5/9

A. 3/5

B. 1/2

C. 1 2/3

D. 4/6

E. Not Given

30. Mr. Diaz drove 276 miles on 12 gallons of gas. At that rate, how many gallons of gas would he need to drive 184 miles?

A. 23 gallons

B. 12 gallons

C. 8 gallons

D. 4 gallons

E. Not Given

33. A telephone pole casts a shadow 30 feet long while a fence post 4 feet high casts a shadow 3 feet long. How high is the pole?

A. 12 ft.

B. 15ft.

C. 29 ft.

D. 20 ft.

E. Not Given

35. What is 33 1/3% of 114?

A.38

B. 33

C.81

D.76

E. Not Given

36. Which three numbers are equivalent?

A. 3/2, 3.2, 3 1/2

B. 3/2, 1.5, 11/2

C. 3/2, 3.2, 1 1/2

U. 3/2, 2.3, 2 1/2

E. Not Given

39. In the town of San Jose there are 45 census takers. If each census taker is given a list of 15 house to survey how many houses in all will be surveyed?

A. 45 houses

B. 15 houses

C. 60 houses

D. 675 houses

E. Not Given

40. Main Street School has 576 students, 1/6 of the students are in sixth grade. How many students are in sixth grade?

A. 3,456 students

B. 576 students

C. 96 students

D. 86 students

E. Not Given

41. Lupe had 15 bushels of pears from her pear trees. She gave away 4 3/4 bushels, sold 6 ¼ bushels and kept the rest. Howe many bushels did she keep?

A. 4 bushels

B. 11 bushels

C. 5 bushels

D. 2 ½ bushels

E. Not Given

44. The amusement park sold 5,350 tickets one weekend. Of these 3,638 were children’s tickets. What percent of the people attending the park that weekend were children?

A.32%

B68%

C.53%

D.36%

E. Not Given

47. Divide. 5.016 ÷ 0.6 =

A. 0.836

B. 8.03

C. 8.36

D. 0.803

E. Not Given