

2014
MATH SUPER BOWL

Fourth Grade
Individual Test

25. Ivan had a doctor's appointment last week. The bill for his visit came to \$345. His family's health insurance will pay 80% of the bill. What is the amount that Jose's family will have to pay?

- A. \$69.00
- B. \$276.00
- C. \$310.50
- D. \$85.00
- E. Not Given

Congratulations! You've completed Part I of the 2014 Math Superbowl!
Quietly stay seated until the 25 minutes is up. Do NOT turn in your test until the 25 minutes is up. You are welcome to check your answers. Only answers on the scantron will be counted.

21. Ava was helping her mother organize her cascarones (confetti eggs) for Fiesta. They needed to carry the eggs in cartons that hold 1 dozen each. If Ava and her mother made 52 eggs how many egg cartons would they need?

- A. 12 cartons
- B. 4 cartons
- C. 3 cartons
- D. 5 cartons
- E. Not Given

22. The school musical started 4 minutes late. It was scheduled to last 2.5 hours, but it ran 15 minutes longer. If the musical ended at 8:59 p.m., at what time did it begin?

- A. 6:04
- B. 6:44
- C. 6:14
- D. 6:59
- E. Not Given

23. In the bakery case there are 14 cookies, all of which are either peanut butter or chocolate chip. There are 2 more peanut butter than chocolate chip. How many chocolate chips cookies are there?

- A. 6
- B. 9
- C. 8
- D. 12
- E. Not Given

24. Tony's family wants to arrive at the family reunion at 5:00 p.m. Driving time will be about 6 hours 30 minutes. They plan to stop for gas one time for approximately 10 minutes. They also plan to stop for lunch for about 45 minutes. At what time should they leave in order to arrive at approximately 5:00?

- A. 11:05 a.m.
- B. 9:35 a.m.
- C. 6:25 a.m.
- D. 8:00 a.m.
- E. Not Given

17. There are 4 pink flowers and 8 yellow flowers in the garden. Each pink flower has 5 petals and each yellow flower has 6 petals. How many flower petals are there in all?

- A. 23 petals
- B. 120 petals
- C. 68 petals
- D. 46 petals
- E. Not Given

18. The area of a room is 126 square feet. The perimeter is 46 feet. What are the dimensions of the room?

- A. 6 x 21
- B. 9 x 14
- C. 2 x 23
- D. 8 x 14
- E. Not Given

19. Lincoln Elementary School held its annual carnival and $\frac{3}{4}$ of the 400 students came. Of the students who came, $\frac{1}{5}$ went on the giant slide. How many students at the carnival did NOT go on the giant slide?

- A. 60
- B. 300
- C. 150
- D. 50
- E. Not Given

20. Santiago's skates weigh 4 pounds 3 ounces, Isabella's skates weigh 3 pounds 7 ounces, Gabriel's skates weigh 5 pounds 1 ounce and Catalina's skates weigh 3 pounds 13 ounces. What is the average weight of the four pairs of skates?
(1 pound = 16 ounces)

- A. 3 pounds 6 ounces
- B. 4 pounds 2 ounces
- C. 4 pounds 1 ounce
- D. 3 pounds 11 ounces
- E. Not Given

13. A pan is 24 cm. wide, 35 cm. long and 2 cm. deep. How many cubic centimeters is a full pan of brownies?

- A. 1,680 cm³
- B. 61 cm³
- C. 842 cm³
- D. 118 cm³
- E. Not Given

14. Carlos bought a new computer before he went off to college. The computer cost \$950. He put \$220 down and received a student discount of \$100. His mother paid $\frac{1}{2}$ the remaining amount. How much does Carlos still owe on the computer?

- A. \$415
- B. \$635
- C. \$155
- D. \$315
- E. Not Given

15. Erica's mother has $5\frac{3}{4}$ yards of material. She is making dresses for her 2 daughters. If each dress uses $3\frac{1}{4}$ yards of material, how much more material does she need to buy?

- A. $2\frac{1}{2}$ yards
- B. $2\frac{1}{4}$ yards
- C. $1\frac{1}{4}$ yards
- D. $\frac{3}{4}$ yard
- E. Not Given

16. Nancy was packing candles for shipping. She knows that the maximum amount of candles that can fit in one box is 36. How many boxes will Nancy need to ship 500 candles?

- A. 13 boxes
- B. 36 boxes
- C. 50 boxes
- D. 14 boxes
- E. Not Given

9. Solve the equation. $\frac{6}{10} + \frac{13}{100} =$

A. $\frac{19}{100}$

B. $\frac{7}{10}$

C. $\frac{19}{110}$

D. $\frac{73}{100}$

E. Not Given

10. What is 2253 rounded to the nearest hundred?

A. 2000

B. 2200

C. 2250

D. 2300

E. Not Given

11. Tickets to the rodeo sell for \$12 each. If they are bought in groups of 10 or more, you receive $\frac{1}{4}$ off the price of each ticket. Jorge wants to buy 14 tickets. How much will his total cost be for the 14 tickets?

A. \$168.00

B. \$134.00

C. \$126.00

D. \$112.00

E. Not Given

12. The distance between Santa Barbara and Chicago is 2088 miles. The distance from Austin to Santa Barbara is 1473 miles. The distance between New York City and Orlando is 1476 miles. How much farther is it from Chicago to Santa Barbara than from Santa Barbara to Austin?

A. 612 miles

B. 615 miles

C. 3561 miles

D. 3 miles

E. Not Given

5. Order these fractions from smallest to largest. $\frac{2}{3}, \frac{1}{2}, \frac{5}{6}, \frac{7}{9}$

A. $\frac{7}{9}, \frac{5}{6}, \frac{2}{3}, \frac{1}{2}$

B. $\frac{1}{2}, \frac{2}{3}, \frac{7}{9}, \frac{5}{6}$

C. $\frac{1}{2}, \frac{5}{6}, \frac{7}{9}, \frac{2}{3}$

D. $\frac{2}{3}, \frac{7}{9}, \frac{5}{6}, \frac{1}{2}$

E. Not Given

6. The school library figured out that 20% of their books were picture books. If the library has a total of 23,000 books how many books are picture books?

A. 4,600

B. 13,000

C. 2,300

D. 21,000

E. Not Given

7. The tallest building in California is in Los Angeles. It is 1,018 feet high. If you took an elevator $\frac{3}{4}$ of the way up the tower, how far from the ground would you be in feet?

A. 253 feet

B. 390.5 feet

C. 432 feet

D. 763.5 feet

E. Not Given

8. The four members of the Johnson family are having pizza for dinner. Jack and his mother each eat $\frac{1}{8}$ of the pizza. If Jen and her father divide the remaining pizza so that Jen eats twice as much as her father, what fraction of the pizza Jen will eat?

A. $\frac{2}{8}$

B. $\frac{3}{8}$

C. $\frac{1}{2}$

D. $\frac{3}{4}$

E. Not Given

4th Grade Individual Test Part 1
2014

25 minutes – No Calculators

Answers must be recorded on the scantron to be counted.

1. A downtown parking lot is 360 feet long. Its length is 4 times its width. How wide is the parking lot?

- A. 356 feet
- B. 60 feet
- C. 90 feet
- D. 1440 feet
- E. Not Given

2. On a road map, 5 inches represent 70 miles. How many miles would 8 inches represent?

- A. 112 miles
- B. 83 miles
- C. 100 miles
- D. 73 miles
- E. Not Given

3. Convert the following decimal to a percent. $0.05 = \underline{\hspace{1cm}}\%$

- A. 0.05%
- B. 5%
- C. 50%
- D. 500%
- E. Not Given

4. Mrs. Diaz bought a new T.V. for \$595.95 and the tax was \$49.50. If there was also a delivery charge of \$20.00, what was the total cost of the T.V.?

- A. \$446.45
- B. \$486.45
- C. \$645.45
- D. \$665.45
- E. Not Given