**Assessment Test for 4th grade**

**Three points each question**

1. What is the sum of 274 and 731?

2. Kevin has 4 dimes, 13 nickels, and 7 pennies. How much money, in dollars, does Kevin have?

3. A rectangle is 12 m long and 7 m wide, what is the perimeter of this rectangle?

4. What is the next number in the sequence: 85, 79, 73, 67, 61, …?

5. What is 7 + (3 × 6) – 9?

6. What time will it be 45 minutes after 6:25 PM?

7. Annie, Ben and Carol go to 3 different elementary schools: A, B and C. Annie does not go to schools B or C. Carol does not go to school B. Which schools do the 3 kids go to?

8. Shen rides his bike at 15 miles per hour. Jayesh rides his bike 20 miles per hour. If they start at the same place and bike along the same direction and each keep up these speeds for four hours, how many miles ahead will Jayesh be at the end of four hours?

9. There are 150 apple and peach trees altogether on a farm. The number of peach trees is 30 more than the number of apple trees. How many apple trees are there? How many peach trees are there?

10. The digit in ones place of a 3 digit number is 6 more than the digit in the hundreds place. The digit in the hundreds place is 5 less than the digit in the tens place. The number is between 300 and 400. Find the 3-digit number.

**Five points each question**

11. In a shop you can buy oranges in boxes of three different sizes: boxes of 5 oranges, boxes of 9 oranges, or boxes of 10 oranges. Pedro wants to buy exactly 48 oranges. What is the smallest number of boxes he can buy?

12. A number is added to 3. The sum is then multiplied by 3. The product is divided by 8, 8 is then subtracted from the quotient. The answer is 1. Find the number.

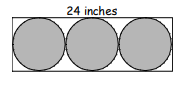
13. There are 6 teams in the North Volleyball League. Each team must play exactly one match with every other team. How many matches are to be played altogether in the league?

14. Matthew spent $5 on a storybook. He spent half of his remaining money on a toy. He was left with $3 after he bought some marbles that cost $4. How much did he have at first?

15. Five students sit around a circular table. Their chairs are numbered in order from 1 through 5. Abby sits next to Ben and Colin. Dalia sits next to Ben and Sarah. The numbers on Abby’s and Colin’s chairs add up to 6. Who sit in chair number 3?

16. If 4 people can paint 2 fences in 5 hours, how many hours in all will it take for 8 people to paint 8 fences?

17. In the figure below, the three circles are the same size, and each touches its neighboring circle at a single point. The rectangle encloses them exactly. If the length of the rectangle is 24 inches as shown, find the number of square inches in the area of the rectangle.



18. A farmer had 20 chickens and rabbits altogether. He counted a total of 56 legs. Find the number of chickens and the number of the rabbits the farmer had.

19. Peter Rabbit likes cabbage and carrots very much. In one day, he can eat only 9 carrots, only 2 cabbages, or 1 cabbage and 4 carrots. During one-week Peter ate 30 carrots. How many cabbages did he eat during that week?

20. Jenny is 10 years old. She asks her teacher about her age. “I’ll be 58 years old by the time you reach my age,” replies her teacher. How old is her teacher?

21. 4 identical jugs and 5 identical cups cost $85.

2 identical jugs and 2 identical cups cost $40.

What is the cost of a cup?

22. Four brothers ate 11 cookies in total. Each of them ate at least one cookie and no two of them ate the same number of cookies. Three of them ate 9 cookies in total and one of them ate exactly 3 cookies. How many cookies did the boy ate the largest number of cookies eat?

23. The yellow, red, blue, and green lights are able to make many types of signals. These signals can be made from one light, two lights, three lights or four lights at the same time. How many different signals can these lights make?

24. A bag contains red, blue, yellow, and green marbles. The probability of drawing a red, blue, or yellow marble out of the bag is 1/7, 3/10, or 2/5, respectively. There are between 100 and 200 marbles in the bag. How many green marbles are in the bag?