

Online Math League
2009 – 2010 Second Grade Contest #2

Student Name _____ **Date** _____

Rules: You have 30 minutes to complete this test. You must work by yourself and you may not use a calculator. Each question has just one correct answer. Do your best!

1. Which of these subtraction problems has the largest answer?

- A. $5 - 4$ B. $8 - 3$ C. $8 - 4$ D. $4 - 1$ E. $6 - 3$

2. Megan's gymnastics practice begins at 9:00 a.m. and lasts for 30 minutes. For the first 10 minutes she practiced on the balance beam. Then she practiced on the trampoline for the next 10 minutes. How much time of her practice is left?

- A. 1 minute B. 5 minutes C. 10 minutes
D. 15 minutes E. 20 minutes

3. There are 28 students in Josh's class. 19 of these students brought a coat today. How many students did not bring a coat today?

- A. 7 B. 8 C. 9 D. 10 E. 11

4. Mary buys some stickers that cost 5¢ and a juice box that costs 25¢. If she pays for all of this with a quarter and a dime, how much change should she receive?

- A. a nickel B. a dime C. a quarter
D. a penny E. one nickel and one penny

5. What number comes next in the following pattern?

- 20, 17, 14, 11, 8, _____
- A. 7 B. 6 C. 5 D. 4 E. 3

6. Jim has a soccer game on Saturday. If it is three days before his soccer game, what day is it today?

- A. Sunday B. Monday C. Tuesday
D. Wednesday E. Thursday

7. Kate and Jane want to share a pizza. If the pizza is cut into six pieces, and Kate and Jane share it equally, how many pieces of pizza can each girl have?

- A. 2 B. 3 C. 4 D. 5 E. 6

8. Three friends wanted to go to a basketball game. If each ticket to the game costs three dollars, how much money will it cost for all three friends to buy tickets to the game?

- A. \$6 B. \$7 C. \$8 D. \$9 E. \$10

Number of dogs Susie saw at the park							
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Predicted	4	2	3	4	6	12	12
Actual	2	3	5	7	10	14	12

One week Susie decided to go to the park each day and count the number of dogs she saw. To make it more interesting, she tried to predict, or guess, how many dogs she would see each day. Use the chart above to answer questions #9, #10, and # 11.

9. One what day was Susie's prediction the closest to how many dogs she actually saw at the park?

- A. Wednesday B. Thursday C. Friday D. Saturday E. Sunday

10. How many more dogs did Susie see at the park on Friday than she predicted?

- A. 2 B. 3 C. 4 D. 5 E. 6

11. It was raining when Susie went to the park on Monday, Tuesday, and Wednesday. How many dogs did she see at the park on these three days combined?

- A. 10 B. 9 C. 8 D. 7 E. 6

12. Ella had 24 marbles. She then traded five marbles to Todd for one of his. Later, her brother gave her two of his marbles that he didn't want anymore. How many marbles does Ella have now?

- A. 19 B. 20 C. 21 D. 22 E. 23

13. What number belongs in the box in the following subtraction problem?

$$\square - 3 = 8$$

- A. 11 B. 9 C. 7 D. 5 E. 3

14. Katie is a swimming coach. She teaches classes on Saturdays from 9:30 a.m. until 2:30 p.m. For how many hours does she teach swimming on Saturdays?

- A. 4 B. 5 C. 6 D. 7 E. 8

15. Gary invited 11 friends to his birthday party. Four of his friends did not come. How many of Gary's friends came to his birthday party?

- A. 5 B. 6 C. 7 D. 8 E. 9

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Answer Key, 2009 – 2010 Second Grade Contest #2

Teacher Tip: For all second grade Online Math League contests, if a student has trouble reading something, please know that you may provide the difficult word(s) to the child. Also, if a student completely misunderstands how to take this test, you may intervene. Actual mathematical hints or suggestions, however, may not be shared with the students during the competition.

1. **B** (The first question on every OML test involves a topic the students should be very comfortable with, as we want to begin each test on a positive note.)
2. **C**
3. **C**
4. **A**
5. **C**
6. **D**
7. **B**
8. **D**
9. **E**
10. **C**
11. **A**
12. **D**
13. **A** (We start using algebra-style questions like this at young grades because it forces students to think differently about topics they are otherwise familiar with. This could spark a great discussion topic in your classroom.)
14. **B**
15. **C**