5 POINTS

1. Diana made 408 cupcakes for a bake sale last weekend. She sold 199 on Saturday and 196 on Sunday. How many cupcakes did she have left?

   A. 11 B. 12 C. 13 D. 14 E. 15

2. When you add 35 tens to 3 hundreds, and subtract the result from 10 hundred, you will get _____.

   A. 350 B. 340 C. 300 D. 250 E. 200

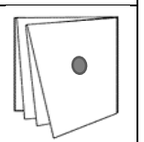
3. In a box, there were 56 red bouncy balls and 49 blue bouncy balls. Mark sorted the balls and threw away 8 broken red bouncy balls and 11 broken blue bouncy balls. How many balls were left?

   A. 76 B. 86 C. 88 D. 96 E. 98

4. Loretta has a book of stickers that has 10 pages. Each page of the book has 5 stickers, except the last page. If the last page has 9 stickers, how many total stickers are there in Loretta's book of stickers?

   A. 81 B. 59 C. 55 D. 54 E. 45

5. Alice folded a construction paper in half, then one more time in half. She then cut out a circle in the middle. How many holes will she see in the construction paper when she unfolds it?

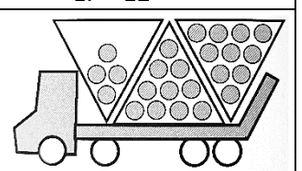


   A. 0 B. 1 C. 2 D. 3 E. 4

6. Annie had 10 nickels, 5 dimes, and some quarters in his piggy bank. If she counted that she had $3 in her piggy bank, how many quarters did she have?

   A. 4 B. 6 C. 8 D. 10 E. 12

7. Dhruv is playing with his new toy truck, which has 3 triangular containers. Each container can hold the same number of mini soccer balls. How many more mini soccer balls are needed to fill the toy truck completely?



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

8. Houses on Drury Lane are numbered in order 1, 2, 3, and so on. What is the sum of the neighboring houses of the house show on the figure?

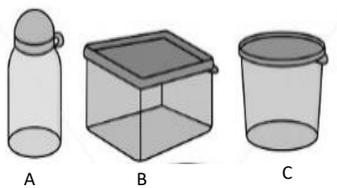
   A. 40 B. 41 C. 51 D. 60 E. 61

7 POINTS

9. There is a total of 28 peaches in three baskets. The first two baskets have a total of 19 peaches. The second and third baskets have a total of 17 peaches. How many peaches are there in the second basket?

   A. 8 B. 9 C. 10 D. 11 E. 12

10. Each of the containers below can hold a number of cups of water. Container A can hold 7 cups of water. Container B can hold 12 cups, and Container C can hold 9 cups of water. Which statement is correct?



   A. Container C capacity is less than Container A.
   B. Container A and B can hold more than 20 cups.
   C. Container C can hold the most out of the 3 containers.
   D. Container A and C combined can hold more water than just Container B alone.
   E. Container B can hold more water than both Container A and C combined.

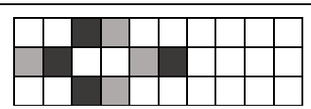
11. Diana saves $10 per week. Lina saves $4 less than Diana each week. In 7 weeks, how much more money will Diana have in her savings than Lina?

   A. $28 B. $35 C. $40 D. $42 E. $70

12. Dan ate half of M&Ms from the new bag plus 13 more. This left only one last green M&M, which he gave to his mother. How many M&Ms were in the bag?

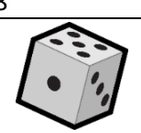
   A. 14 B. 17 C. 20 D. 26 E. 28

13. Lisa is putting together a pattern on her scarf. If Lisa continues the pattern as shown, how many white squares will she have when she ends her project?



   A. 10 B. 12 C. 14 D. 16 E. 18

14. On an ordinary standard six-sided die, the number of dots of opposite sides always add up to 7. What is the sum of all the dots that you can't see on this die?



   A. 4 B. 8 C. 12 D. 20 E. 21

15. Selina spent an hour watching the Discovery channel on television followed by a two-hour nap, one hour of reading, and two hours on a science project. If she completed her science project at 9:30 p.m., what time did she start watching the Discovery channel?

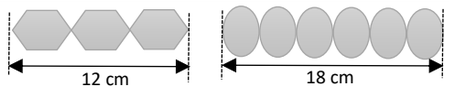
   A. 5:30 p.m. B. 5:00 p.m. C. 4:30 p.m. D. 4:00 p.m. E. 3:30 p.m.

10 POINTS

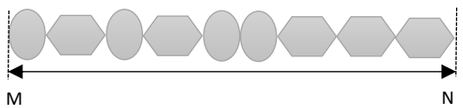
16. Andy has a four-wheel bike, Ben has a three-wheel bike, and Tiber has a two-wheel bike. They went to a park. Some of them were walking, some on their bikes. Tiber counted there are 7 wheels in total. Which one of them was walking without his bike?

A. Andy B. Ben C. Tiber D. Andy and Tiber E. Andy and Ben

17. Study these diagrams.



Find the length of MN.

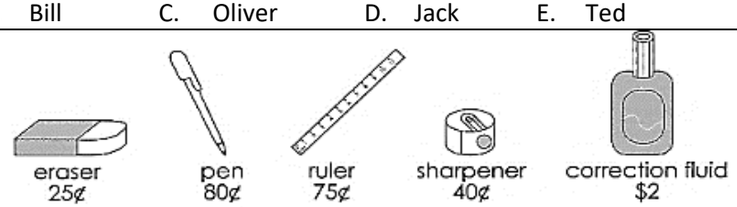


A. 28 cm B. 30 cm C. 32 cm D. 33 cm E. 34 cm

18. Nine children are lining up by their heights in increasing order from left to right. Mike is taller than Don, but shorter than Cathy. Oliver is taller than Arthur. Arthur is taller than Jack. Pete is the shortest child. Ted is taller than Bill and shorter than Jack. Oliver is shorter than Don. Who is standing in the middle?

A. Arthur B. Bill C. Oliver D. Jack E. Ted

19. Study the pictures.



Which statement is **not** true?

A. The cost of a pen is the same as the cost of 2 sharpeners.
B. A sharpener and a ruler cost less than the correction fluid
C. I can buy 6 pens with $5.
D. If Dana has exactly $1, she can buy a pen and an eraser.
E. The correction fluid is $1.20 more expensive than the pen.

20. Five chess figures are standing in a line in this order: King, Queen, Rook, Knight, Bishop. Amy moved two chess figures standing next to each other forward, and then those whose names start with the same letter. After that only one chess figure remained in the original line. What was its name?

A. King B. Queen C. Rook D. Knight E. Bishop

MATH CHALLENGE TOURNAMENT MASTERS 2019

April 20, 2019

ELLIPSIS ACADEMY

Problem Solving Challenge

Grade 2

Problem 1 – 20

Do not begin until you are instructed to do so.

Problem Solving Challenge (40 minutes)

You may use scratch paper to do any calculation to reach final answers.
Mark your answers in the ANSWER SHEET.
You have 40 minutes to complete the Problem-Solving Challenge