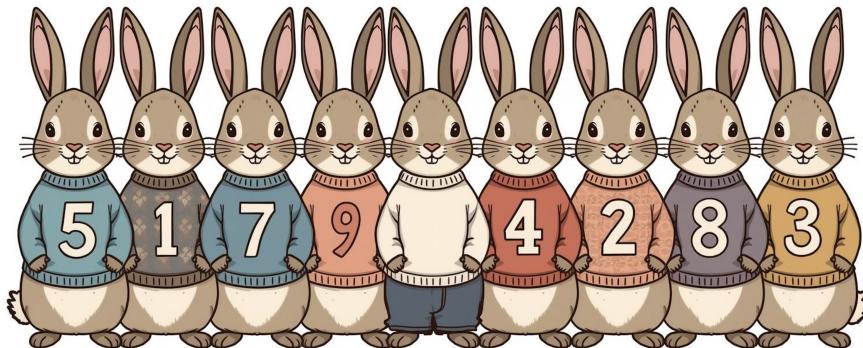Renert Rabbit

Instructions:

1. Do not open this booklet until you are told by your teacher to begin.

2. Materials: pencil, paper — no other materials. NO calculators!

3. You will have exactly **40 minutes** to work on the contest.

4. This form has 6 questions in Part A, 6 questions in Part B, and 4 questions in Part C.

5. This is a multiple choice contest. Each question is followed by five possible answers marked A, B, C, D, and E. Only one of these is correct. After making your choice, fill in the appropriate circle on the response form.

6. Scoring:

   - Each correct answer is worth:
     - 4 points in Part A,
     - 5 points in Part B,
     - 6 points in Part C.
   - Each unanswered question is worth 2 points.
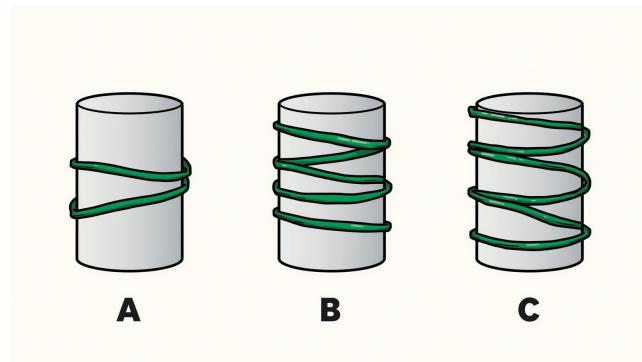   - Incorrect answers are worth 0 points.

Part A (4 points each)

1. Renert Rabbit got her children sweaters numbered from 1 to 9. Oh no!
   Zayl Rabbit forgot to wear her numbered sweater. What number was on
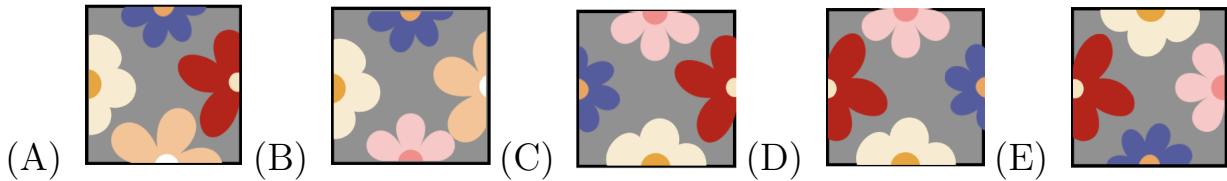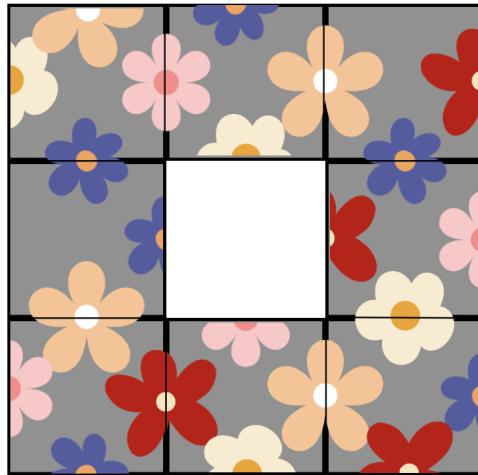   her sweater?

(A) 6   (B) 7   (C) 8   (D) 9   (E) 10

2. Some wires are wrapped around poles in this picture. Which wire is the
   longest?

(A) Wire A   (B) Wire B   (C) Wire C
(D) They are all the same length   (E) Cannot tell by the picture

3. Maxwell is playing with the puzzle below, but Mr. Ryan has hidden one of the pieces! Which of the pieces below could be the right one for this puzzle?

(A) (B) (C) (D) (E)

4. Charlotte drew three shapes. She added up all the sides and got 10. What could the shapes be if none of the shapes touch?

    (A) 2 squares and 1 triangle

    (B) 2 triangles and 1 rectangle

    (C) 3 triangles

    (D) 1 triangle, 1 square, and 1 rectangle

    (E) 3 squares

5. How many pairs of matching socks are there?

(A) 4   (B) 5   (C) 6   (D) 7   (E) 8

6. Renert Rabbit and her 14 children need to eat dinner, but her table only
   has 9 chairs. How many more chairs will she need?

(A) 4   (B) 24   (C) 5   (D) 23   (E) 6

Part B (5 points each)

7. Celtic Knot work is a beautiful style of art. It is made by looping strings using an over-under-over-under pattern. How many separate loops of string were used to make the knot below?

(A) 2　　　　(B) 3　　　　(C) 5　　　　(D) 10　　　　(E) 12

8. Claire had her first dance class on Thursday, August 3rd. Her next class will be 19 days later. On what day of the week will it be?

August						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

(A) Monday (B) Tuesday (C) Wednesday (D) Thursday (E) Friday
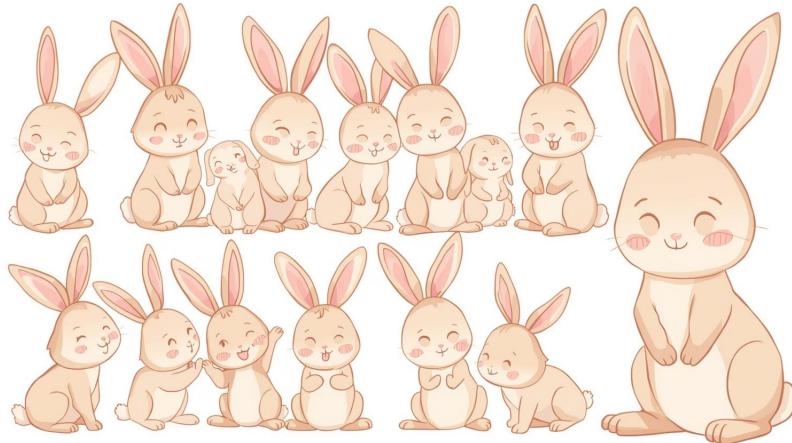
9. What is 15 tens and 15 ones?

   (A) 30   (B) 150   (C) 25   (D) 1515   (E) 165

10. Aubrey switched the positions of two neighboring digits in the number 682479 and got a smaller number. Which were the digits that Aubrey switched?

   (A) 6 and 8   (B) 8 and 2   (C) 2 and 4   (D) 4 and 7
   (E) 7 and 9

11. Here is a picture of Renert Rabbit and her many children. She has 8 girls and 6 boys. Which equation can be used to find how many more girls she has than boys?

   (A) $8 + 6 = 14$ (B) $8 + 6 + 1 = 15$ (C) $8 - 6 = 2$
   (D) $9 - 6 = 3$ (E) $15 - 8 = 7$

12. Ethan's mom gave him sixteen dimes. He then buys fifteen stickers for five cents each. How much money does he have now?

(A) 85 cents   (B) 95 cents   (C) 145 cents (D) 155 cents (E) 235 cents

---

Part C (6 points each)

13. Huxley is taller than Emma. Emma is shorter than Jayden but taller than Shanvi. Jayden is taller than Huxley but shorter than Theo. Who is the tallest?

(A) Emma   (B) Jayden   (C) Huxley   (D) Theo   (E) Shanvi

14. Eli and Connor each have a balance scale. All of Eli's blocks weigh 20 g in total and all of Connor's blocks weigh 24 g in total. They were able to balance their blocks as shown.

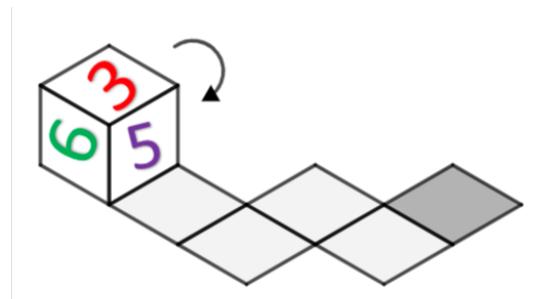If blocks of the same shape weigh the same, what would be the weight of

 ?

(A) 13 g   (B) 10 g   (C) 44 g   (D) 12 g   (E) 7 g

15. How many different sums can be made using only two cards at a time?

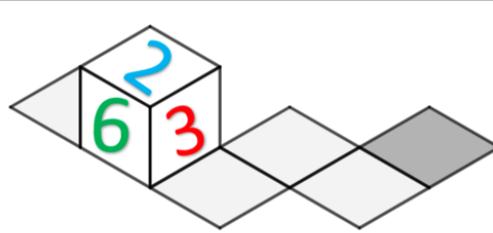**2** **4** **6** **7**

(A) 5   (B) 6   (C) 10   (D) 12   (E) 19

16. The numbers on opposite face of a die always add to 7. The die in the picture is rotated over the path. Which number will be facing up when the die lands on the darker gray square of the end of the path?

After first turn

(A) 1   (B) 2   (C) 3   (D) 4   (E) 5