



Name: _____ Class: _____ School: _____

Question 1:

Tommy really likes football. In his latest match, he scored 21 points according to his coach's points system. Tommy gets 2 points every time he scores and 1 point for every assist he makes. If Tommy scored 8 goals, how many assists did he make in his latest match?



A: 5 B: 6 C: 7 D: 8



Question 2:

For this question, you should calculate the values below with your partner to obtain 14 letters and a punctuation mark. One of you should calculate the expressions in the green cells, and the other should take the white ones. Each value corresponds to a character that spells out a math-related word in a scrambled order. Find the word.

| | | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| A | B | C | D | E | F | G | H | I | J | K | L | M |
| 176 | 253 | -18 | -17 | 693 | 456 | 8 | 197 | 648 | 5 | 439 | 254 | 13 |
| N | O | P | Q | R | S | T | U | V | W | X | Y | . |
| 6 | 12 | 833 | 19 | 789 | 1326 | 645 | 161 | 1436 | 987 | -89 | 382 | 9 |

| | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| $5 \times 8 - 3 \times 9$ | $429 - 268$ | $50 + 57 + 69$ | $778 + 548$ | $-1 \times 9 \times 2$ |
| Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> |
| $658 - 653$ | $-558 + 563$ | $78 + 86 + 90$ | $820 - 566$ | $287 + 546$ |
| Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> |
| $378 + 267$ | $799 - 151$ | $8 \times 3 \div 2$ | $12 - 3 \times 2$ | $9 \times 3 \div 3$ |
| Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> | Letter: <input type="text"/> | Symbol: <input type="text"/> |



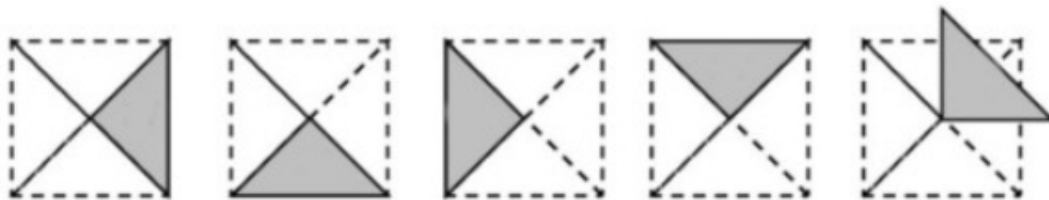
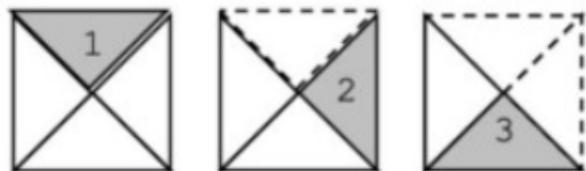
Question 3:

Christina walks up 4 steps every day on her way home from school. She can either take one or two steps at a time. How many days could she walk up the steps if she wants to do so a different way every time?

A: 3 days B: 4 days C: 5 days D: 6 days

Question 4:

Peder moves the triangle, as shown in the picture. Where is the triangle after 401 moves?



(A)

(B)

(C)

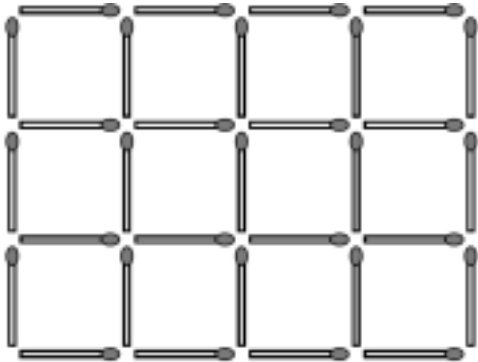
(D)

(E)



Question 5:

Alice has created a grid of matches like the one in the diagram below:



The grid is 12 matches long and 15 matches wide. How many matches has Alice used in total to make the grid?

A: 180 B: 250 C: 360 D: 387

Question 6:

Anders asks the following questions to Cecilia about her favorite number:

- Is it divisible by 2?
- Is it divisible by 3?
- Is it divisible by 9?

Cecilia says yes to two of the questions and no to one of them. Which of the following numbers might Cecilia have thought of?

A: 6 B: 10 C: 7 D: 13



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Answer sheet:

| Question | Answer |
|----------|--------|
| 1. | |
| 2. | |
| 3. | |
| 4. | |
| 5. | |
| 6. | |