

*Practice Relay - Player 1*

What is  $2 + 0 + 2 + 1$ ?

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*Practice Relay - Player 2*

Replace  $N$  below with the number you receive.  
How many of the following numbers are even?

16, 29, 450, 34, 11,  $N$

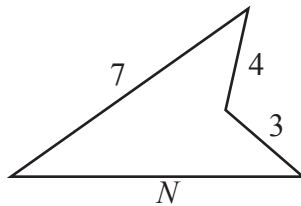


You can start working on this question while you're waiting for Player 1's answer.

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*Practice Relay - Player 3*

Replace  $N$  below with the number you receive.  
Calculate the sum of all the side lengths in the shape shown below.



You can start working on this question while you're waiting for Player 2's answer.

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*Practice Relay - Player 4*

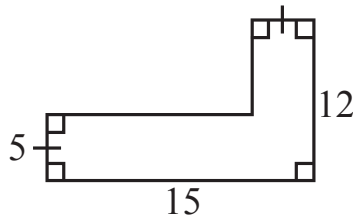
Replace  $N$  below with the number you receive.  
There are  $N$  people on a bus. At the first stop 2 people get off the bus. At the second stop 9 people get on the bus. How many people are on the bus after the second stop?



You can start working on this question while you're waiting for Player 3's answer.

*Relay A - Player 1*

Calculate the area of the following shape.



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*Relay A - Player 2*

Replace  $N$  below with the number you receive.

Ann is delivering newspapers. Two thirds of the way through her deliveries she has delivered  $N$  newspapers. How many newspapers did she deliver in total?



You can start working on this question while you're waiting for Player 1's answer.

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*Relay A - Player 3*

Replace  $N$  below with the number you receive.

When the numbers in the following list are arranged in increasing order, what is the middle number?

123, 156, 92, 196, 103, 99, 62, 45, 101, 78,  $N$



You can start working on this question while you're waiting for Player 2's answer.

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*Relay A - Player 4*

Replace  $N$  below with the number you receive.

A musician gives away free hats at her concerts. One day she had 3 concerts and started with a large number of hats. At the first concert she gave away half of her hats. At the second concert she gave away half of the remaining hats. At the third concert she gave away half of the remaining hats. At the end of the day she had  $N$  hats left. How many hats did she start with that day?



You can start working on this question while you're waiting for Player 3's answer.

*Relay B - Player 1*

The table shows the ages of all the children in the Gauss Choir. How many of the children are older than 7?

Age	Number of Children
6	8
7	10
8	7
9	2

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*Relay B - Player 2*

Replace  $N$  below with the number you receive.

Pierre has two \$1 coins, one \$2 coin, two \$5 bills, and four \$10 bills. If he divides this money equally among  $N$  people, how many dollars does each person get?



You can start working on this question while you're waiting for Player 1's answer.

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*Relay B - Player 3*

Replace  $N$  below with the number you receive.

The first term in a sequence is 5. The second term is 7. Each term after that is found by adding the two previous terms. So the third term would be  $5 + 7 = 12$ . What is the  $N^{\text{th}}$  term in this sequence?



You can start working on this question while you're waiting for Player 2's answer.

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*Relay B - Player 4*

Replace  $N$  below with the number you receive.

Zaida has 3 pieces of rope measuring 43 cm, 0.9 m, and  $N$  mm. What is the total length of her rope pieces, in cm?



You can start working on this question while you're waiting for Player 3's answer.

*Relay C - Player 1*

How many of the following numbers are less than 45.63?

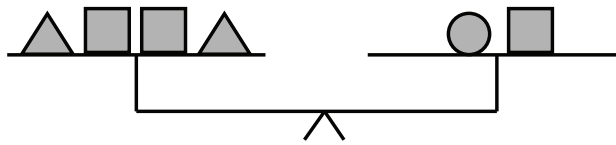
45.93, 45.77, 45.71, 45.61, 45.6, 45.7, 45.56, 45.1, 45.53

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*Relay C - Player 2*

Replace  $N$  below with the number you receive.

In the diagram, an equal-armed balance is shown. The mass of each triangle is 4 grams, and the mass of each square is  $N$  grams. What is the mass (in grams) of the circle?



You can start working on this question while you're waiting for Player 1's answer.

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*Relay C - Player 3*

Replace  $N$  below with the number you receive.

Magda is 4 years old, Kostas is 6 years old, and Spiro is 8 years old. In  $N$  years, what will the sum of their ages be?



You can start working on this question while you're waiting for Player 2's answer.

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*Relay C - Player 4*

Replace  $N$  below with the number you receive.

Fatemah writes the following sentence  $N$  times.

*She sells sea shells by the sea shore.*

How many more times does she write the letter "S" than the letter "L" (either capital or lowercase)?



You can start working on this question while you're waiting for Player 3's answer.



## 2021 Team Up Challenge

### Relay Answer Sheet

Team: \_\_\_\_\_

Practice Relay					
	Player 1	Player 2	Player 3	Player 4	Teacher
1 <sup>st</sup> Attempt					
2 <sup>nd</sup> Attempt					

Relay A					
	Player 1	Player 2	Player 3	Player 4	Teacher
1 <sup>st</sup> Attempt					
2 <sup>nd</sup> Attempt					

Relay B					
	Player 1	Player 2	Player 3	Player 4	Teacher
1 <sup>st</sup> Attempt					
2 <sup>nd</sup> Attempt					

Relay C					
	Player 1	Player 2	Player 3	Player 4	Teacher
1 <sup>st</sup> Attempt					
2 <sup>nd</sup> Attempt					