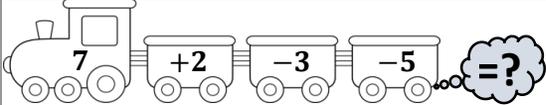
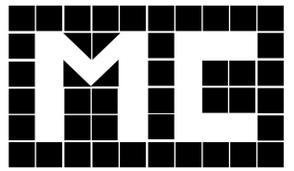
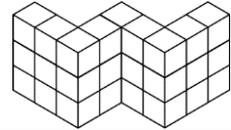
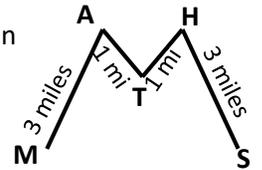
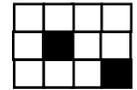


Grade 2

		Answers	Score
1.	On a Derby Days Fun Run, right before the finish line, the runner who won 5th place passed me. What place did I win?	1. 6th	
2.	 <p>What number is hidden under the question mark?</p>	2. 1	
3.	When Jennifer was born, Oscar was 4. Now Jennifer is 4 years old. What is the sum of their ages now?	3. 12	
4.	<p>Paula has 36 stuffed animals. Janelle has 19 fewer stuffed animals than Paula. How many stuffed animals do they have altogether?</p> 	4. 53	
5.	<p>How many more black square tiles do we need to cover the whole rectangle? A square tile can cover 2 triangles.</p> 	5. 18 [squares]	
6.	Lion's tail is 12 inches longer than tiger's tail, which is 12 inches longer than cat's tail. If Lynx tail is 4 in. shorter than cat's tail, who has the second longest tail among them?	6. tiger	
7.	<p>How many blocks were used in this building?</p> 	7. 27 [cubes]	
8.	Fill in the blank: altogether, 6 rectangles have as many sides as ____ triangle.	8. 8	
9.	Alex is 2 years old and Aliya is 6. How old will Aliya be when Alex is 13?	9. 17 [years old]	

Grade 2

10.	How many even numbers are there between 10 and 30?	10. 9	
11.	<p>Tejas is hiking on the Maths Mountain trail. How many miles will he cover, if he starts at point M and goes through ATHS, then goes back the same trail to M?</p> 	11. 16 [miles]	
12.	I have 2 dimes and 2 quarters. If my mother gives me a quarter, my father gives me 3 nickels, and my sister gives me her twelve pennies, then I will have exactly the amount I need to buy a pack of gum. How much is the pack of gum?	12. \$1.22	
13.	Andrew brings 12 stickers, Josh brings 10 stickers and Sohil brings 5 stickers. They put all the stickers together on a table and divide them equally among themselves. How many stickers does each of the boys get?	13. 9 [stickers]	
14.	<p>How many white squares you must paint black so that the number of black squares is exactly twice the number of white squares?</p> 	14. 6	
15.	The letters A, B, C, D, and E are arranged in this order: A, B, C, D, E, A, B, C, D, E, A, B, C, D, E, A, B ... and so on. What is the 43 <sup>rd</sup> letter in the pattern?	15. C	
16.	Joel had 73 baseball cards. After giving away 17 of them, he then had the same number of baseball cards as Quentin. How many baseball cards do they have altogether now?	16. 112 [cards]	
17.	<p>Grandpa is snoring once every 5 minutes. How many times will he snore during his 1 hour nap?</p> 	17. 12 [times]	

18.	A 45-seater bus picks up 1 student at the first bus stop, 2 students at the second bus stop, 3 students at the third bus stop, and so on. At which bus stop will the bus be full?	18.	9 <sup>th</sup> , or bus stop #9.		
19.	Some pages are missing from an open book. On the left page you can see page number 12 and on the right page you can see page number 21. How many pages are missing?	19.	8 [pages] (13,14, 15, 16, 17, 18, 19, 20)		
20.	June 10 <sup>th</sup> is on Wednesday. List all other date(s) in June that fall on Wednesday. 	20.	3, 17, 24		
21.	Peter is making a line of colored cars: red, green, white and yellow. The green car is not the first nor the last. The yellow car is not next to the white car nor next to the red car. The first car is white. What is the order of the cars in that line?	21.	W R G Y [must be in this order]		
22.	What is the value of ☺? $\heartsuit + \blacksquare = 4$ $\blacksquare + \blacksquare = 6$ $\blacksquare + \blacktriangle = 8$ $\heartsuit + \blacktriangle = \text{☺}$	22.	6		
23.	As Tim wrote the problem on the board, he forgot one digit: $32 + 14 + 2 + 21 = 94$ . What is the missing digit?	23.	7		
24.	There were 12 students sitting in a classroom. The teacher gave 3 sheets of paper to each student. There were 9 sheets of paper left when he finished passing them all out. How many sheets of paper did the teacher have at first?	24.	45 [sheets]		
25.	A palindromic number is a number that reads the same when written backward or forward. For example, 242 and 99 are palindromic numbers. I am a palindrome. I am greater than eleven and less than fifty. I am an odd number. What am I?	25.	33		
<b>TOTAL SCORE</b>					

# MATH CHALLENGE TOURNAMENT 2015

## Individual Problem Solving Challenge

### Grade 2

Sponsored By Ellipsis Academy



**FINAL SCORE:**

**KEY**

Name: \_\_\_\_\_

School: \_\_\_\_\_

### Individual Challenge (30 minutes)

- You may use scratch paper to do any calculations to reach final answers.
- Write your answers in this test booklet.
- Units are not necessary. If you choose to label your answer, please make sure you write the correct units. A correct answer with incorrect units will be marked as an incorrect answer.

There are 25 questions.

**Correct answer: 5 points**

**Blank answer: 2 points**

**Incorrect answer: 0 points**