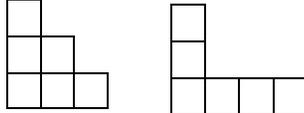
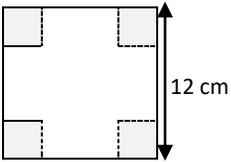
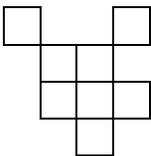


		Answers	Score										
1.	Houses on the street are numbered from 1 to 35. How many times does the digit 3 appear in the numbering of those houses?	1.											
2.	Bob writes the state MISSISSIPPI many times all over a sheet of paper. When he finished, he counts 96 S's on the sheet. How many P's are on the sheet of paper?	2.											
3.	<p>The picture graph show the number of different types of fish sold by Jemma.</p> <table border="1"> <tbody> <tr> <td>Angelfish</td> <td></td> </tr> <tr> <td>Guppy</td> <td></td> </tr> <tr> <td>Goldfish</td> <td></td> </tr> <tr> <td>Swordtail</td> <td></td> </tr> <tr> <td colspan="2">Each  stands for 5 fish</td> </tr> </tbody> </table> <p>Jemma sold all gold fish for \$2.50 each. How much money, in dollars and cents, did she receive?</p>	Angelfish		Guppy		Goldfish		Swordtail		Each  stands for 5 fish		3.	
Angelfish													
Guppy													
Goldfish													
Swordtail													
Each  stands for 5 fish													
4.	What is the missing number? ___ x 24 = 15 x 8	4.											
5.	A large jug contains 14 cups of apple cider. The apple cider is poured into bottles. Each bottle has a capacity of 3 cups. What is the least number of bottles needed for all the juice?	5.											
6.	A zucchini weighs 6 oz. A cucumber weighs 3 oz. more than the zucchini. A squash is twice as heavy as the cucumber. What is the weight, in oz., of all three vegetables?	6.											
7.	Mary has \$7.26. She has three times as much money as Riley. How much money, in dollars and cents, does Riley have?	7.											
8.	Angie wants to donate money to her favorite charity. She plans to give $\frac{1}{4}$ of every dollar she makes from babysitting. If she makes \$50 from babysitting, how much money does she donate?	8.											

9.	Chaz packed 205 oranges into bags of 5 each. He sold all the oranges at \$3 a bag. How much money did he receive?		9.	
10.	Container A holds 13 gallon of water. Container B holds 2 gallons 1 quart less water than Container A. How much water, in quarts, does Container B hold?		10.	
11.	In how many ways can you make 4-digit even number from 2016?		11.	
12.	 Joel started running at 7:53 a.m. He ran 3 miles and finished at 8:22 a.m. How long did it take him to run 3 miles?		12.	
13.	These two figures are made up of the same number of 2 cm squares. Lisa measured the perimeter of the two figures below. What is the sum of the perimeter of both figures? 		13.	
14.	A two-digit number is a common multiple of 5 and 6. The sum of the digits of the two-digit number is 9. What is the two-digit number?		14.	
15.	Lucas has \$48, Lee has \$41, and Luis has \$25. What is the sum of money that Lucas and Lee must give to Luis so that all of them will have an equal amount of money?		15.	
16.	Emma paid \$72 for a beach bag and 2 pairs of sandals. The beach bag cost \$37.60. How much did one pair of sandals cost?		16.	

17.	In the school parking lot, there were 24 cars and motorcycles. Sal counted the total number of wheels are 76. How many motorcycles were there?	17.		
18.	Peter cut out 4 small squares from a piece of a cardboard square. Each small square had an area of 6 cm^2 . What was the area of the remaining cardboard? 	18.		
19.	Some candies are to be shared among a group of children. If each child gets 3 candies, there will be 2 candies left. If each child gets 4 candies, there will be a shortage of 2 candies. How many children are there in the group?	19.		
20.	Sam is 26 years old and he is 8 years older than Sal. How many years ago was Sam's age three times Sal's age?	20.		
21.	Beads are strung on a string in a pattern of two white beads then three black beads. What is the color of the 37 th bead?	21.		
22.	If they may touch but not overlap, at most how many squares of an area of 4 unit^2 can fit inside a rectangle measuring 6 by 13 units?	22.		
23.	A train is 150 m long. If it travels at 15 m per second, how long does it take for the train to pass through a tunnel that is 300 m long?	23.		
24.	 <p>The figure is made up of identical squares. The area of the figure is 200 cm^2. What is the perimeter of the figure?</p>	24.		
25.	What is the missing number in this sequence: 2, 4, 8, 32, _____, 8192	25.		
TOTAL SCORE				

MATH CHALLENGE TOURNAMENT MASTERS

February 27, 2016
Individual Challenge

Grade 3

Sponsored By Ellipsis Academy



FINAL SCORE:

LAST NAME: _____

FIRST NAME: _____

School: _____ **Grade:** _____

PROBLEM SOLVING (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