

Mental Math (10 minutes)

		Answers	Score
1.	What is the biggest three-digit even number?	1. 998	
2.	Solve $40 - 29 =$	2. 11	
3.	Subtract 5 from the number of days in 2 full weeks	3. 9	
4.	If a blue pencil is thicker than red, and a red pencil is thicker than purple, which pencil is thicker, blue or purple?	4. blue	
5.	What is the sum of 40, 50, and 60?	5. 150	
6.	What is 12 more than the largest two digit number?	6. 111	
7.	Subtract 12 from 40.	28	
8.	A whale can swim 1000 yards in 10 min. How far will it swim in 1 min?	8. 100 [yards]	
9.	Bill can do 5 problems a day. How many problems can he do in 14 days?	9. 70 [problems]	
10.	 +  = 99. Spade is twice the value of heart. Find 	10. 33	
11.	A class of 25 students are standing in a pattern girl-boy-girl-boy. 1 st one is a girl. How many girls are in this class?	11. 13	
12.	How many even numbers are between 11 and 20?	12. 4 [12,14,16,18]	
13.	I have 57 marbles. How many more marbles do I need in order to have 100 marbles?	13. 43	
14.	What is the quotient of 56 and 7?	14. 8	
15.	How many triangles of any size are on this picture? 	15. 7	
16.	$30 - 18 = \text{⚡} + 9$. What is ⚡ ?	16. $[\text{⚡}] = 3$	

Mental Math (10 minutes)

17.	Find the missing number in a sequence: 2, 5, 9, 14, __, 27	17. 20	
18.	What number is 7 more than the difference of 21 and 17?	18. 11	
19.	For the New Year, Lydia got 17 new books. 5 of them are chapter books, half of the rest are picture books. How many picture books did Lydia get?	19. 6 [books]	
20.	Every pizza has 8 slices. How many pizzas will you order if you and every friend will eat 2 slices and you have 12 friends?	20. 4	
21.	1 quarter, 4 dimes, and 3 pennies = ____ cents.	21. 68 [cents]	
22.	When I subtract 25 from my number, I get 24. What is my number?	22. 49	
23.	I get 50 cents every time I help my mother with a chore. How many chores do I need to do to get \$7?	23. 14 [chores]	
24.	What is 19 more than 89?	24. 108	
25.	A train has 4 cars (1,2,3,4). If car #1 is always located right after the engine, in how many ways can you connect all the cars?	25. 6	
26.	44 minutes before 12 noon is ____ a.m.	26. 11:16 [am]	
27.	15 more than my father's age is 50. How old is my father?	27. 35	
28.	Three times my number is 24. What is my number?	28. 8	
29.	How many <i>different</i> consonants are in a word CIRCUMSCRIBABLE?	29. 6 [C,R,M,S,B,L]	
30.	Half of my money is \$1.60. How much money do I have, in dollars?	30. \$3.20	
31.	What is the smallest 3-digit number, which has all odd digits?	31. 111	

Mental Math (10 minutes)

32.	26 cookies were divided one by one among Amy, Annie and Al. Who got the last one?	32.	Annie	
33.	What is the 2-digit number, where the 1-digit is 5 times smaller than the 10-digit?	33.	51	
34.	Add the amount of days in April and the amount of dimes in one dollar.	34.	40	
35.	Mia is 2 years younger than JJ. Jessica is 5 years younger than JJ. If Jessica is 12, how old is Mia?	35.	15 [years old]	
36.	What is the product of 4 and 9?	36.	36	
37.	If today is Friday, what day was 6 days ago?	37.	Saturday	
38.	How many nickels are in 5 quarters?	38.	25	
39.	If twice my number is 18, what is 3 times my number?	39.	27	
40.	The age of my grandma and grandpa is 120 now. How old will be they together in 5 years?	40.	130 [years old]	
TOTAL SCORE				

Mental Math (10 minutes)

MATH CHALLENGE TOURNAMENT 2015

GRADE 3

MENTAL MATH

Sponsored By Ellipsis Academy



FINAL SCORE:

KEY

Name: _____

School: _____

Mental Math Challenge (10 minutes)

- You may not do any written work and only your final answers may be written.
- Any erasure or cross-out will result in the answer being marked wrong.
- 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.

Correct answer: 1 point

Blank answer: 0 point

Incorrect answer: 0 point