MATH CHALLENGE TOURNAMENT 2015

Team Challenge – Grade 3

Sponsored By Ellipsis Academy

FINAL SCORE:

Team#:_____

School: _____

Team Challenge – Round 1 (5 minutes)

Each question needs a short answer and will be scored as

- **10 points for a correct answer**
- **3 points for a blank answer**
- **No point for an incorrect answer.**

WRITE YOUR TEAM ANSWER IN THIS BOOKLET.

SUBMIT ONLY <u>ONE</u> TEST PER TEAM.

Division N – Grade 3 – Team test

Team Challenge – Round 1 (5 minutes)

			Answers	Score	
1.	Find the sum of the next three numbers in the following sequence: 1, 5, 9, 13, 17, __, __, __	1.			
2.	In a class of 26 students, 15 like pepperoni pizza and 16 like cheese pizza. However, 3 do not like either. How many students like both pepperoni and cheese pizza?	2.			
3.	My number has a remainder of 1 when divided by 2. My number is less than 90 but greater than 65. My number is a multiple of 7. Find my number.	3.			
4.	Todd can do a math contest four times as fast as Caleb. Caleb can do the contest in 1 hour and 4 minutes. How long in minutes does it take Todd to do the test?	4.			
			SCORE		

Division N – Grade 3 – Team test

Team Challenge – Round 1 (5 minutes) **KEY**

			Answers	Score	
1.	Find the sum of the next three numbers in the following sequence: 1, 5, 9, 13, 17, __, __, __	1.	75		
2.	In a class of 26 students, 15 like pepperoni pizza and 16 like cheese pizza. However, 3 do not like either. How many students like both pepperoni and cheese pizza?	2.	8 [students]		
3.	My number has a remainder of 1 when divided by 2. My number is less than 90 but greater than 65. My number is a multiple of 7. Find my number. 	3.	77		
4.	Todd can do a math contest four times as fast as Caleb. Caleb can do the contest in 1 hour and 4 minutes. How long in minutes does it take Todd to do the test?	4.	16 [minutes]		
			SCORE		

MATH CHALLENGE TOURNAMENT 2015

Team Challenge – Grade 3

Sponsored By Ellipsis Academy

FINAL SCORE:

Team#:_____

School: _____

Team Challenge – Round 2 (5 minutes)

Each question needs a short answer and will be scored as

- **10 points for a correct answer**
- **3 points for a blank answer**
- **No point for an incorrect answer.**

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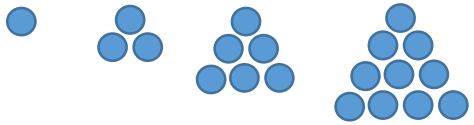
SUBMIT ONLY ONE TEST PER TEAM.

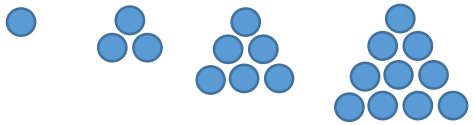
Division N – Grade 3 – Team test

Team Challenge – Round 2 (5 minutes)

			Answers	Score	
1.	The first day of a certain month that has 30 days is a Monday. How many Mondays does this month have?	1.			
2.	The sum of the ages of Josh, Colin and Keisha is 51. What will be the sum of their ages in 7 years?	2.			
3.	By using positive counting numbers (1, 2, 3, and so on), how many different ways can you make a sum that is equal to 6? An example: 1+1+1+3 = 6 Consider 5+1 to be the same as 1+5.	3.			
4.	Study this pattern of dots: Fig. 1 Fig. 2 Fig. 3 Fig. 4  How many dots will there be in figure 7?	4.			
			SCORE		

Division N – Grade 3 – Team test

Team Challenge – Round 2 (5 minutes) **KEY**

			Answers	Score	
1.	The first day of a certain month that has 30 days is a Monday. How many Mondays does this month have?	1.	5 [Mondays]		
2.	The sum of the ages of Josh, Colin and Keisha is 51. What will be the sum of their ages in 7 years?	2.	72		
3.	By using positive counting numbers (1, 2, 3, and so on), how many different ways can you make a sum that is equal to 6? An example: 1+1+1+3 = 6 Consider 5+1 to be the same as 1+5.	3.	10 [ways]		
4.	Study this pattern of dots: Fig. 1 Fig. 2 Fig. 3 Fig. 4  How many dots will there be in figure 7?	4.	28		
			SCORE		

Team Challenge – Round 3 (5 minutes)

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Division N – Grade 3 – Team test

Team Challenge – Round 3 (5 minutes)

			Answers	Score	
1.	In the Kilstrom's farmyard, there are an equal number of pigs, ducks, and chickens. Together, they have a total of 144 legs. How many ducks are in Kilstrom's farmyard?	1.			
2.	Fourteen people stand in a circle counting starting with one. If Maya says three the first time around, what number will she say the third time around?	2.			
3.	Celia lives in a tall building in apartment number 17. There are shops on the first floor. Above the shops, there are 3 apartments on each floor, numbered consecutively. On what floor does Celia live?	3.			
4.	Four children (Pat, Peter, Pauli, and Paul) are seating in a circular table learning a new math game. Paul is teaching the game. Each player has a partner and the partners are seated across the table from each other. Peter is sitting to the right of Pauli. Paul is sitting to the right of Peter. Who is Pat's partner?	4.			
			SCORE		

Division N – Grade 3 – Team test

Team Challenge – Round 3 (5 minutes) **KEY**

			Answers	Score	
1.	In the Kilstrom's farmyard, there are an equal number of pigs, ducks, and chickens. Together, they have a total of 144 legs. How many ducks are in Kilstrom's farmyard?	1.	18		
2.	Fourteen people stand in a circle counting starting with one. If Maya says three the first time around, what number will she say the third time around?	2.	31		
3.	Celia lives in a tall building in apartment number 17. There are shops on the first floor. Above the shops, there are 3 apartments on each floor, numbered consecutively. On what floor does Celia live?	3.	7th [floor]		
4.	Four children (Pat, Peter, Pauli, and Paul) are seating in a circular table learning a new math game. Paul is teaching the game. Each player has a partner and the partners are seated across the table from each other. Peter is sitting to the right of Pauli. Paul is sitting to the right of Peter. Who is Pat's partner?	4.	Peter		
			SCORE		