

Grade Four Mathematics Contest 2019

Instructions

- 1. You have **45 minutes** to write the contest.
- The contest is multiple-choice with four choices for each question.
 Write the CAPITAL letter of the answer you choose on the line to the right of each question.
- 3. Each question answered correctly is worth one mark, and the sum of the correct answers is the score.
- 4. Marks are not taken off for wrong answers.
- 5. No calculators or other counting tools are allowed.

Student Name: _____

Score: /30

2019 Spirit of Math Grade 4 Contest

Page 2				©2022 Spirit of Math	Schools In
12)	Dave's scores on his f A) 15	ìrst five tests were: 1 <i>5</i> , B) 16	, 20, 14, 17 and 19. V C) 17	√hat is his average? D) 18	
11)		ne dance festival 3 d ^{ph} . When is the dance B) July 29 th	ays before 8 days at e festival? C) July 30 th	fter 2 days after 5 D) July 31st	
10)	How many prime nu A) 4	mbers are there betw B) 5	veen 10 and 20? C) 6	D) 7	_
	is equal to: A) 24	B) 28	C) 32	D) 27	
9)		ces of a cube multipli	ed by the number of	sides of a triangle	
8)	Tim is 5 years young 8 years old, how old A) 6		ears older than my b C) 10	rother, Jim. If Jim is D) 12	
7)	Charmain invited 32 there were guest A) 11		party. All but 21 did C) 30	not show up, so D) 32	_
6)	(2019 – 2018) ÷ (2 A) 0	2018 - 2017) = ? B) 1	C) 2017	D) 2018	
5)	Which of the follow A) 0	ing is the smallest inte B) 2	eger? 0, 2, 4, – 9 C) 4	D) — 9	
4)	Farah needs to cut c parallel cuts does sh A) 6		to give to her rabbit. C) 8	How many D) 10	
3)	(1 × 100) + (3 × 10 A) 200	00) - (1 × 100) = ? B) 300	C) 500	D) 701	
2)	What is the next ter A) 10	m in the sequence? 1 B) 12	, 2, 4, 7, 11, C) 16	D) 20	
1)	- 19 + 83 + 17 - 1 A) -20	= ? B) 15	C) 80	D) 180	



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13)	Lillian likes candy. She had 24 candies with coconut flavouring and 32 candies with strawberry flavouring. Twelve of the candies had both coconut and strawberry flavours. How many candies did she have in total?						
	A) 32	B) 44	C) 54	D) 56			
14)	A box 3 cm by 3 cm by 3 cm is filled with smaller cubes of 1 cm by 1 cm by 1 cm by 1 cm. If all these smaller cubes are lined up, then how long is the line?						
	A) 3 cm	B) 9 cm	C) 27 cm	D) 81 cm			
15)	At the championship chess tournament, each of the 11 competitors played each other once. How many chess matches were there in total?						
	A) 45	B) 50	C) 55	D) 110			
16)	person to build one	house?	r days. How many dc				
	A) 1 day	B) 4 days	C) 16 days	D) 64 days			
1 <i>7</i>)	black socks, and 9	red socks. Without	fferent colours of soc looking into his draw e 2 black socks have C) 18	ver, how many socks			
			House				
18)	Ruby wants to go to						
	different ways can she get from her house						
	to the gym if she co						
	and east on a 4 \times	•		Gym			
	A) 35	B) 126	C) 210	D) 360			
19)		ow many ways are there to rearrange the letters in the word SUMMER, and cluding the way that spells "summer"?					
	A) 120	B) 242	C) 300	D) 360			
20)	Gerry wants to knit socks for her stuffed animals. She counted a total of 116 legs and 37 heads on her stuffed dogs and ducks. How many of her stuffed animals are ducks?						
	A) 16	B) 19	C) 21	D) 37			
21)	It takes Cake Cruncher 45 minutes to eat 24 chocolate cakes. It takes his friend Cake Chomper twice as long to to eat the same amount of cake. How long will it take them to eat 48 chocolate cakes together? A) 45 minutes B) 55 minutes C) 60 minutes D) 90 minutes						
		J JJ IIIIIIIIES	c) of minutes				



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22)	What is one-half o [.] A) 50	f one-quarter of 800 B) 100	? С) 1 <i>5</i> 0	D) 200				
	A) 30	0,100	C) 130	D) 200				
23)	The sum of a number and its square is 132. What is the number?							
,	A) 10	B) 11	C) 12	D) 13				
		·						
24)	Robert is in line to watch the Revengers movie. He is the first person in front of the third person behind Sam. If there are 9 people in line and Sam is in the middle, where is Robert in the lineup?							
	A) Fifth	B) Sixth	C) Seventh	D) Eighth				
25)	he can roll a sum of		lect money from the to two fair hexahedral C) <u>5</u> <u>36</u>					
		·						
26)	Eleven holiday light bulbs are on a 30 cm string. The first and last light bulbs are at the very end of the string and all the light bulbs are equal distance apart. How many holiday light bulbs are needed if the lights are spaced the same distance on a 60 cm long string?							
	A) 19	B) 20	C) 21	D) 22				
27)	Matty and Katty like to be on their phones. Matty sends out a text message every 42 minutes. Katty sends out a text message every 24 minutes. At 9:00 a.m., they sent out a message at the same time. When is the next time they will send out a message at the same time?							
	A) 10:58 a.m.	B) 11:18 a.m.	C) 11:30 a.m.	D) 11:48 a.m.				
28)	Albert decided to read all the odd pages in his book called "How to be a Math Genius". If he started reading on the top of page 43 and stopped at the bottom of page 105, how many pages did he read?							
	A) 32	B) 33	C) 62	D) 65				
29)	Valentine is making a card for her friend. When the card is folded in half, it is rectangular and has a perimeter of 24 cm. When the card is open, the card is square shaped. What does each side of the card measure when the card is open?							
	A) 6 cm	B) 8 cm	C) 9 cm	D) 10 cm				
30)	How many rectang	How many rectangles of all sizes are in this diagram?						
	A) 12	B) 14	C) 16	D) 18				
Page 4		C		©2022 Spirit of Math Schools Inc.				