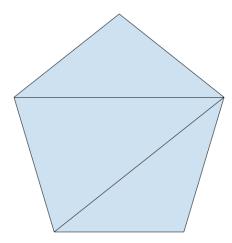
Student Name:	
Please w	vrite your name on <i>every</i> page.
Section B	
B1. What is the value of (12 + 3) x 4 - 7	
Ansv	wer to B1:
B2. A group of 5 friends is looking to split a pack of gummies. Origonally only 49 in the gummies but somebody ate a gummy, leaving only 49 in the unable to split the gummies evenly! The group of friends thus join them in order to split the gummies evenly! What is the lemust call?	pack, and the group was s must call more people to
Ansv	ver to B2:
B3 Alice is writing a list of numbers on the chalkboard. She starts chalkboard. Then, the next number she writes down is the sunumbers in the list (thus she would write 1+1 = 2 as the third ras the fourth etc.) What is the 12th number she writes down?	m of the previous two number, and then 1 + 2 = 3
Ansv	ver to B3:
B4 Anna and Bob are playing a game. Anna starts by rolling two what number Anna got. What is the minimum number of gue guarantee that he guesses Anna's number?	-
Ansv	ver to B4:

Student Name:	
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B5

Consider that we can split a pentagon into three triangles using 2 non-intersecting line segments attached to corners, as shown below



How many triangles could be made with 9 line segments following the same rules as above with a dodecahedron (12 sided shape).

Answer to B5: _	
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B6

We call a number "twin prime" if both the number itself is prime, and also the number of letters in its spelling is prime. For example, 2 is "twin prime" since 2 is a prime, and 3, the number of letters in two is also a prime, while 5 is not since five contains 4 letters which is not a prime number. Find how many twin primes there are less than 30.

Answer to B6:	

B7

Professor Jerry is showing his class a cool sequence. He starts by writing the number 1 on the chalkboard. He then writes 2 x 1 as the second number, and then 3 x 2 x 1 as the third number and so on. What is the first number he writes that is bigger than 2024?

"The Nine Chapters on the Mathematical Art" Contest (NCC) 2024©

Student Name	<u>.</u>
	Please write your name on <i>every</i> page.
B8	
30 years ago, William was twice the age of his so twice the age of his son, Terry. In 10 years, Terry William?	
	Answer to B8: