Name: Key	School:	Da	te:
Contest Taking (Circle One): Pre-algebra Algebra I G DIRECTIONS:	eometry Algebra II	Pre-calculus Calculus	
You are NOT permitted to use Algebra I. For all others, you h		electronic device. You have 45	minutes for Pre-Algebra and
2. All answers should be in stand numbers unless otherwise state		otherwise stated. All variables	are assumed to stand for rea
210	6.	12	780
14 %	7.		2,340
3.	8.	13.	
131	(0)	08C	35
25,000	9.	14.	299
5. 0 12 14 7	10.	15.	

5. 2+3+47 or others (check) 29/900

15.

SCORE:

SPRING 2019 M Name: Ley	CNABB-GDCTM CONTEST	
Contest Taking (Circle One): Pre-algebra Algebra I Geometry DIRECTIONS:	y Algebra II Pre-calculus	Calculus
Algebra I. For all others, you have 60 1	minutes.	e. You have 45 minutes for Pre-Algebra and A. All variables are assumed to stand for re
1. 33 3°	6.	119/16
2.	35	12.
3.	8.	13. 99
3.12	9.	14.

5. (9,4) or check other 10. X+2xy+y-2 or any rearrangement 5/2

SCORE:____

SPRING 2019 M	IcNabb-GDCTM Contest Ai	nswer Sheet
Name: Key	School:	Date:
Contest Taking (Circle One): Pre-algebra Algebra I DIRECTIONS:	y Algebra II Pre-calculus Ca	alculus
1. You are NOT permitted to use a calc Algebra I. For all others, you have 60	culator or any other electronic device. Yo minutes.	ou have 45 minutes for Pre-Algebra and
2. All answers should be in standard sin numbers unless otherwise stated.	mplified from unless otherwise stated. Al	ll variables are assumed to stand for rea
	6.	
	7.	12.
2.	70	2520
329/900	8. 9/2	13.
1272	299	14.
5.	$-1+\sqrt{3}$	15.

SCORE:_

ACNABB-GDCTM CONTES	
ry Algebra II) Pre-calculus	Calculus
lculator or any other electronic dev.) minutes.	ice. You have 45 minutes for Pre-Algebra and
implified from unless otherwise stat	ted. All variables are assumed to stand for real
6. 140°	$\left(-\frac{3\sqrt{3}}{2},\frac{3\sqrt{3}}{2}\right)$
7.	672
5/2	13.
9.	14.
12/2	HZi, 2-3i need both
80°	$\frac{1}{2}$) $\frac{1}{\sqrt{2}}$ need both
	School: Try Algebra II) Pre-calculus Iculator or any other electronic dev minutes. implified from unless otherwise state 6. 7. 7. 8. 5/1 9.

SCORE:

SPRING 2019 McNabb-GDCTM Contest Answer Sheet

Name:	School:	Date:
Contest Taking (Circle One): Pre-algebra Algebra I Geometry DIRECTIONS:	Algebra II Pre-calculus C	alculus
1. You are NOT permitted to use a calculation Algebra I. For all others, you have 60 m		ou have 45 minutes for Pre-Algebra and
2. All answers should be in standard sin numbers unless otherwise stated.	aplified from unless otherwise stated. A	all variables are assumed to stand for real
1.	6.	2520
2 0 0	7.	12.
(9,4)		
Check any other		need both
3.	8.	13.
ーコーコー	(160)	T/16
240/	81/2	14. Q
5.	10.	15.
13	70	(a+c)(b+c).

SCORE:____

Name: Key	School:	Date:
Contest Taking (Circle One): Pre-algebra Algebra I DIRECTIONS:	Geometry Algebra II Pre-calcul	ius (Calculus)
l. You are NOT permitted to Algebra I. For all others, you		device. You have 45 minutes for Pre-Algebra and
All answers should be in standard numbers unless otherwise s		stated. All variables are assumed to stand for rea
1.	6. 3,-3,	0 7207
780	7. — 4	12.
3. 3/2	8. 313-4	13.
		14.
-2/3	9.	1/2

$$J = \frac{53}{75} \times -\frac{28}{25}$$

SCORE: