Fall 2016 McNabb (GDCTM Con	TEST ANSWER	SHEET
--------------------	-----------	-------------	-------

Name:	<ey< th=""><th></th><th></th><th></th><th></th><th>Date:</th></ey<>					Date:
Contest Ta Pre-algebra DIRECTIO		Geometry	Algebra II	Pre-calculus	Calculus	
	NOT permitted to I. For all others, yo			r electronic devic	e. You have	45 minutes for Pre-Algebra and
	ers should be in st unless otherwise st					les are assumed to stand for real ated.
1.	18		6.		11.	1210
2.	58		7.	73	12.	30/43
3.	9		8. 359	.3058) 13.	5/9
4.	5		9.	9	14.	$2-\sqrt{3}$
5.	016	2	10.	+	15.	2

SCORE:

FALL 2016 McNabb GDCTM CONTEST ANSWER SHEET

Name: Keg	School:			
Contest Taking (Circle One): Pre-algebra DIRECTIONS: Algebra I	Geometry Algebra II	Pre-calculus	Calculus	
 You are NOT permitted the Algebra I. For all others, y 		her electronic device.	You have 45 minutes for	Pre-Algebra and
2. All answers should be in a numbers unless otherwise a	standard simplified from unle stated. Solve means find all re			to stand for real
1.	6.	80	72	
2.	7.		12.	
2016	25	75	(-1,	2)
3. 2 $31x-$.45	<u> </u>		
4.	9.		14.	
٤	10		. 15	
587/1-	7	0	15.	4

SCORE:____

FALL	2016	McNabb	GDCTM	Contest	Answer	SHEET
------	------	--------	-------	---------	--------	-------

Name: Key				Date:	
Contest Taking (Circl Pre-algebra Algel DIRECTIONS:		Algebra II	Pre-calculus Ca	lculus	
	nitted to use a calcula thers, you have 60 min		r electronic device. Y	ou have 45 minutes	for Pre-Algebra and
2. All answers should numbers unless other	be in standard simplerwise stated. Solve m	ified from unless leans find all rea	otherwise stated. All solutions unless other	variables are assur	ned to stand for real
1.		6.	-4	100√3	-507
2.		7.	`	12.	
		10		(0	/3
3.		8.	1	13.	
				'/C) W
4.		9.		14.	
		65	8		+
5.		10.		15.	
18				2	5

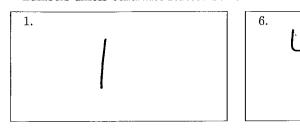
SCORE:____

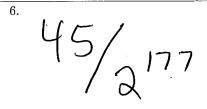
FALL 2016 McNabb GDCTM Contest Answer Sheet

Name: Key	School:	Date:
Contest Taking (Circle One): Pre-algebra Algebra I Geometry DIRECTIONS:	Algebra II Pre-calculus Ca	lculus
1. You are NOT permitted to use a calc Algebra I. For all others, you have 60 a		ou have 45 minutes for Pre-Algebra and
2. All answers should be in standard sin numbers unless otherwise stated. Solve	aplified from unless otherwise stated. All means find all real solutions unless other	
1.	-30	11.
2. 67/9	$\frac{2}{3}, \frac{4}{3}, 2$	12.
3.	8. 117/50	3-25
4.	⁹ 29 or 8*	$\chi^{3} = 3\chi^{2} = 14\chi - 49$
		·
5.	10.	$(x+1)^{2} \cdot (x^{2}-x+1)$ $\cdot (x^{4}-x^{3}+x^{2}-x+1)$
SCORE: *	accept either answer	- by itself

FALL 201	16 McNabb GDCTM	Contest Answer Sheet
Name: Key	School:	Date:
Contest Taking (Circle One): Pre-algebra Algebra I DIRECTIONS:	Geometry Algebra II Pr	e-calculus Calculus
1. You are NOT permitted to Algebra I. For all others, yo		ctronic device. You have 45 minutes for Pre-Algebra

- and
- 2. All answers should be in standard simplified from unless otherwise stated. All variables are assumed to stand for real numbers unless otherwise stated. Solve means find all real solutions unless otherwise stated.





2.

$$(\frac{19}{5}, \frac{8}{5})$$
 or $(\frac{19}{5}, \frac{8}{5})$ X

3.

15.

SCORE:

* other answers possible Check if it looks close

FALL 2016 Mc	CNABB GDCTM CONTEST A School:	
Contest Taking (Circle One): Pre-algebra Algebra I Geome DIRECTIONS:	try Algebra II Pre-calculus C	dalculus
1. You are NOT permitted to use a c Algebra I. For all others, you have 6	alculator or any other electronic device. Ominutes.	You have 45 minutes for Pre-Algebra and
2. All answers should be in standard s numbers unless otherwise stated. So	simplified from unless otherwise stated. A lve means find all real solutions unless other	ll variables are assumed to stand for reservise stated.
1. I - Zi	6.	25 2312
2.	$\frac{3}{8} - \frac{3}{8} \ln \left(\frac{3}{8}\right)$	20
3.	8.	13.
3/143	9.	-2/27

5. 5/3

10.

 $-\frac{\ln a}{2}$

SCORE:_____