	Reading a Venn Diagram Name:	
Solv	e each problem.	Answers
(PXMaria AdamOliver TiffanyDave Faye	1. 2.
	Carol Robin Billy	3
	Rachel George	5.
	W	6
		7. Use Line
1)	How many people owned a Playstation?	8. Use Line
2)	How many people owned a Xbox?	9. Use Line
3)	How many people owned a WiiU?	10. Use Line
4)	How many people owned ONLY a Playstation?	11. Use Line
5)	How many people owned ONLY a Xbox?	12. Use Line
6)	How many people owned ONLY a WiiU?	13. Use Line
7)	$X \cup P =$	
	X∩P =	
9)	W-X =	
10)	(W∩X)-P =	
11)	(P∪W)-X =	
12)	X =	
13)	XWP =	
	Math 1-10 92 85 7 11-13 15 8 0	

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
/	Maria Oliver Dave	16
	Adam Tiffany Faye	26
	Carol	35
	Robin Billy	4
	Rachel George	5
	W	6
		7. Use Line
1)	How many people owned a Playstation?	8. Use Line
2)	How many people owned a Xbox?	9. Use Line
3)	How many people owned a WiiU?	10. Use Line
4)	How many people owned ONLY a Playstation?	11. Use Line
5)	How many people owned ONLY a Xbox?	12. Use Line
6)	How many people owned ONLY a WiiU?	13. Use Line
7)	$X \cup P = $ {Adam,Billy,Carol,Dave,Faye,Maria,Oliver,Robin,Tiffany}	
8)	$X \cap P = $ {Carol,Oliver,Tiffany}	
9)	W-X = {George,Rachel,Robin}	
10)	$(W \cap X)-P = $ {Billy}	
11)	$(P \cup W)-X = {Adam, George, Maria, Rachel, Robin}$	
12)	X = {Billy,Carol,Dave,Faye,Oliver,Tiffany}	
13)	XWP = {Carol}	
	Math 1-10 92 85 77 69 11-13 15 8 0 0	62 54 46 38 31 23

Solve each problem. Answers I		Reading a Venn Diagram Nam	e:
Frank Will Haley Paul Ody Jerry Paul Cody Jerry Robin Carol Victor J How many people owned a cat? 4. J How many people owned a dag? 6. J How many people owned a fish? 9. Use Line J How many people owned of fish? 10. Use Line J How many people owned ONLY a cat? 11. Use Line J How many people owned ONLY a dag? 12. Use Line J How many people owned ONLY a fish? 13. Use Line J FoD =	Solv	e each problem.	Answers
Frank Will Haley Bianca Maria Paul Cody Cody Jerry Robin 3. 4. 3. 4. 3. 4. 3. 5. 6. 7. Use Line 8. Use Line 9. Use Line 10. Use Line 11. Use Line 12. Use Line 13. Use Line 14. Use Line 15. How many people owned ONLY a cat? 16. Use Line 17. Fub Line 18. Food = 19. Do C = 10. Do C)-F = 11. Do C)-F = 11. Do C)-F = 11. Do C)-F = 11. Do C)-F = 12. C =			
Bianca Maria 2. Bianca Paul Jerry Paul Jerry 3. S.		Frank Will Halay	1
Paul Jerry Robin 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 5. 6. 7. Use Line 8. Use Line 9. Use Line 9. Use Line 10. Use Line 11. Use Line 12. Use Line 13. Use Line 14. 10. 15. How many people owned ONLY a dog? 16. How many people owned ONLY a dog? 19. How many people owned ONLY a fish? 10. (D-C)-F = 11. (D-C)-F = 12. Use Line 13. Use Line 14. Use Line 15. How many people owned ONLY a dog? 16. How many people owned ONLY a fish? 17. Use Line 18. Use Line 19. D-C = 10. (D-C)-F = 11. (D-			
Cody Jerry Robin 4. Carol Victor 4. S. . 6. T. Use Line 8. Use Line 8. Use Line P. Use Line 9. Use Line 10. Use Line Interview Interview 11. Use Line 11. Use Line Interview Interview 11. Use Line 11. Use Line Interview Interview 11. Use Line 12. Use Line Interview Interview 13. Use Line 13. Use Line Interview Interview Interview Interview Interview Interview <			2
4. Carol Victor F 0. 1) How many people owned a cat? 2) How many people owned a dog? 3) How many people owned a fish? 4) How many people owned onLY a cat? 5) How many people owned ONLY a cat? 5) How many people owned ONLY a cat? 12. Use Line 13. Use Line 14. Use Line 15. How many people owned ONLY a cat? 16. Use Line 17. Use Line 18. Use Line 19. D-C = 10. (D-C)-F = 11. (D-C)-F = 12. C = 11. (D-C)-F = 12. C =			3.
Robin 4. Carol Victor F 6. 7. Use Line 8. Use Line 9. Use Line 10. Use Line 11. Use Line 12. Use Line 13. Use Line 14. How many people owned a fish? 15. How many people owned ONLY a cat? 16. 11. 17. Fulle 18. Frod = 19. D.C = 10. (Do-C)-F = 11. (Do-C)-F = 12. C = 13. Use Line		Cody Jerry	
Victor $a = \frac{1}{2}$ I) How many people owned a cat? 6. 2) How many people owned a dog? 8. 3) How many people owned a dog? 9. 4) How many people owned ONLY a cat? 10. 5) How many people owned ONLY a cat? 11. 6) How many people owned ONLY a dog? 12. 6) How many people owned ONLY a fish? 13. 7) $F \cup D =$ 9 9) $D - C =$ 9 10) $(D \cap C) - F =$ 11 11) $(D \cup F) - C =$ 11 12) $C =$ 12			4
Victor $a = \frac{1}{2}$ I) How many people owned a cat? 6. 2) How many people owned a dog? 8. 3) How many people owned a dog? 9. 4) How many people owned ONLY a cat? 10. 5) How many people owned ONLY a cat? 11. 6) How many people owned ONLY a dog? 12. 6) How many people owned ONLY a fish? 13. 7) $F \cup D =$ 9 9) $D - C =$ 9 10) $(D \cap C) - F =$ 11 11) $(D \cup F) - C =$ 11 12) $C =$ 12		Carol	
F 7. Use Line 1) How many people owned a cat? 8. Use Line 2) How many people owned a dog? 9. Use Line 3) How many people owned on SLY a cat? 10. Use Line 4) How many people owned ONLY a cat? 11. Use Line 5) How many people owned ONLY a dog? 12. Use Line 6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 9 8) $F \cap D =$ 9 9) $D \cdot C =$ 10 10) $(D \cap C) \cdot F =$ 11 11) $(D \cup F) \cdot C =$ 12 12) $C =$ 13			5
7. Use Line 1) How many people owned a cat? 2) How many people owned a dog? 3) How many people owned on LY a cat? 4) How many people owned ONLY a cat? 5) How many people owned ONLY a dog? 6) How many people owned ONLY a fish? 7) $F \cup D =$ 8) $F \cap D =$ 9) $D - C =$ 10) $(D \cap C) \cdot F =$ 11) $(D \cup F) \cdot C =$ 12) $C =$			6.
1) How many people owned a cat? 8. Use Line 2) How many people owned a dog? 9. Use Line 3) How many people owned a fish? 10. Use Line 4) How many people owned ONLY a cat? 11. Use Line 5) How many people owned ONLY a dog? 12. Use Line 6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 13. Use Line 8) $F \cap D =$ 13. Use Line 9) $D - C =$ 10. 10) $(D \cap C) \cdot F =$ 11. 11) $(D \cup F) \cdot C =$ 11. 12) $C =$ 11.		F	
1)How many people owned a cat?2)How many people owned a dog?3)How many people owned a fish?4)How many people owned ONLY a cat?5)How many people owned ONLY a dog?6)How many people owned ONLY a fish?7) $F \cup D =$ 8) $F \cap D =$ 9) $D \cdot C =$ 10) $(D \cap C) \cdot F =$ 11) $(D \cup F) \cdot C =$ 12) $C =$			7. Use Line
1)How many people owned a cat?2)How many people owned a dog?3)How many people owned a fish?4)How many people owned ONLY a cat?5)How many people owned ONLY a dog?6)How many people owned ONLY a fish?7) $F \cup D =$ 8) $F \cap D =$ 9) $D \cdot C =$ 10) $(D \cap C) \cdot F =$ 11) $(D \cup F) \cdot C =$ 12) $C =$. Uso Lino
2) How many people owned a dog? 10. Use Line 3) How many people owned on LY a cat? 11. Use Line 4) How many people owned ONLY a cat? 12. Use Line 5) How many people owned ONLY a dog? 12. Use Line 6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 13. Use Line 8) $F \cap D =$ 13. Use Line 9) $D - C =$ 11. (D \cdot F) = 11) (D \cdot F) - C = 11. (D \cdot F) - C = 12) $C =$ 12. C =	1)	How many people owned a cat?	8. <u>Ose Line</u>
3) How many people owned a fish? 10. Use Line 4) How many people owned ONLY a cat? 11. Use Line 5) How many people owned ONLY a dog? 12. Use Line 6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 9 9) $D - C =$ 10. (D $\cap C$)-F = 10) (D $\cap C$)-F = 11. (D \cup F)-C = 11) (D \cup F)-C = 12. Use Line 12) C = 13. Use Line	2)		9. Use Line
3) How many people owned ONLY a cat? 11. Use Line 4) How many people owned ONLY a dog? 12. Use Line 5) How many people owned ONLY a dog? 13. Use Line 6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 13. Use Line 8) $F \cap D =$ 13. Use Line 9) $D - C =$ 10 10) $(D \cap C) - F =$ 11 11) $(D \cup F) - C =$ 12 12) $C =$ 13	2)	How many people owned a dog?	
4) How many people owned ONLY a dat? 12. Use Line 5) How many people owned ONLY a dog? 12. Use Line 6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 13. Use Line 8) $F \cap D =$ 19 9) $D-C =$ 10 10) $(D \cap C) - F =$ 11 11) $(D \cup F) - C =$ 12 12) $C =$ 13	3)	How many people owned a fish?	10. Use Line
4) How many people owned ONLY a dat? 12. Use Line 5) How many people owned ONLY a dog? 12. Use Line 6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 13. Use Line 8) $F \cap D =$ 19 9) $D-C =$ 10 10) $(D \cap C) - F =$ 11 11) $(D \cup F) - C =$ 12 12) $C =$ 13			Use Line
6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$ 13. Use Line 8) $F \cap D =$ 13. Use Line 9) $D - C =$ 10. $(D \cap C) - F =$ 10) $(D \cap C) - F =$ 11. $(D \cup F) - C =$ 11) $(D \cup F) - C =$ 12. $C =$	4)	How many people owned ONLY a cat?	
6) How many people owned ONLY a fish? 13. Use Line 7) $F \cup D =$	5)	How many people owned ONLY a dog?	12. Use Line
7) $F \cup D =$ 8) $F \cap D =$ 9) $D - C =$ 10) $(D \cap C) - F =$ 11) $(D \cup F) - C =$ 12) $C =$			
8) $F \cap D =$ 9) $D \cdot C =$ 10) $(D \cap C) \cdot F =$ 11) $(D \cup F) \cdot C =$ 12) $C =$	6)	How many people owned ONLY a fish?	13. Use Line
8) $F \cap D =$ 9) $D \cdot C =$ 10) $(D \cap C) \cdot F =$ 11) $(D \cup F) \cdot C =$ 12) $C =$	7)		
9) $D-C =$ 10) $(D\cap C)-F =$ 11) $(D\cup F)-C =$ 12) $C =$	"	FOD	
9) $D-C =$ 10) $(D\cap C)-F =$ 11) $(D\cup F)-C =$ 12) $C =$	8)	$F \cap D =$	
10) $(D \cap C) - F =$ 11) $(D \cup F) - C =$ 12) $C =$			
11) $(D \cup F) - C =$ 12) $C =$	9)	D-C =	
11) $(D \cup F) - C =$ 12) $C =$	10)	$(D \cap C)$ -F =	
12) C =			
	11)	$(D \cup F) - C = _$	
13) FCD =)		
	13)	FCD =	
Math 1-10 92 85 77 69 62 54 46 38 31 23 Math www.CommonCoreSheets.com 2 11-13 15 8 0 33 31 23		Math www.CommonCoreSheets.com 2 1-10 92 11-13 15	85 77 69 62 54 46 38 31 23 8 0

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
/	Frank C Will Haley	15
	Bianca Maria	2. 8
	Paul Cody	36
	Jerry Robin	4
	Carol Victor	5
		6. <u>2</u>
	F	7. Use Line
1)	How many people owned a cat?	8. Use Line
2)	How many people owned a dog?	9. Use Line
3)	How many people owned a fish?	10. Use Line
4)	How many people owned ONLY a cat?	11. Use Line
5)	How many people owned ONLY a dog?	12. Use Line
6)	How many people owned ONLY a fish?	13. Use Line
7)	$F \cup D = \{Bianca, Carol, Cody, Haley, Jerry, Maria, Paul, Robin, Victor, Will\}$	
8)	$F \cap D = \{Cody, Jerry, Paul, Robin\}$	
9)	D-C = {Haley,Jerry,Maria,Robin}	
10)	$(D \cap C)-F = $ {Bianca, Will}	
11)	$(D \cup F)-C = \{Carol, Haley, Jerry, Maria, Robin, Victor\}$	
12)	C = {Bianca,Cody,Frank,Paul,Will}	
13)	FCD = {Cody,Paul}	
	Math www.CommonCoreSheets.com 2	62 54 46 38 31 23

	Reading a Venn Diagram	Name:	
Solv	e each problem.		<u>Answers</u>
/	John Dave Amy		1
	Lana Oliver		2
	Olivia Janet Billy		3
	Cody Kaleb		5
	Paige		6
			7. Use Line
1)	How many students owned a laptop computer?		8. Use Line
2)	How many students owned a desktop computer?		9. Use Line 10. Use Line
3) 4)	How many students owned a tablet? How many students had ONLY a laptop computer?		10. Use Line
	How many students had ONLY a desktop computer?		12. Use Line
6)	How many students had ONLY a tablet?		13. Use Line
	T∪L =		
	D∩L =		
	$L-T = _$ $(L \cap T)-D = _$		
	(D∪T)-L =		
12)	T =		
13)	DTL =		
	Math www.CommonCoreSheets.com 3	1-109285776911-131580	62 54 46 38 31 23

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
	John Dave Amy	16
	Lana Oliver	26
	Olivia	36
	Janet Billy Cody	4
	Kaleb Paige	5
	T	6
		7. Use Line
1)	How many students owned a laptop computer?	8. Use Line
2)	How many students owned a desktop computer?	9. Use Line
3)	How many students owned a tablet?	10. Use Line
4)	How many students had ONLY a laptop computer?	11. Use Line
5)	How many students had ONLY a desktop computer?	12. Use Line
6)	How many students had ONLY a tablet?	13. Use Line
7)	$T \cup L = \{Billy, Cody, Dave, Janet, John, Kaleb, Lana, Oliver, Olivia, Paige\}$	
8)	$D \cap L = \{ Dave, Oliver, Olivia \}$	
9)	L-T = {Dave,John,Lana,Oliver}	
10)	$(L \cap T)-D = $ {Janet}	
11)	$(D \cup T)-L = {Amy,Billy,Cody,Kaleb,Paige}$	
12)	T = {Billy,Cody,Janet,Kaleb,Olivia,Paige}	
13)	DTL = {Olivia}	
	Math www.CommonCoreSheets.com 3 1-10 92 85 77 69 11-13 15 8 0	62 54 46 38 31 23

	Reading a Venn Diagram Name:	
Solv	e each problem.	Answers
	Oliver Amy Kaleb	1
	Debby Carol George	2
	Gwen	
		3
	Victor Janet	4
	Adam	
	Lana	5
		6
	T	7. Use Line
		7. Use Line
1)	How many students owned a laptop computer?	8. Use Line
_)	now many students owned a raptop computer.	9. Use Line
2)	How many students owned a desktop computer?	9. Use Line
3)	How many students owned a tablet?	10. Use Line
4)	How many students had ONLY a laptop computer?	11. Use Line
5)	How many students had ONLY a desktop computer?	12. Use Line
6)	How many students had ONLY a tablet?	13. Use Line
7)	T∪D =	
8)	D∩T =	
	T-D =	
	(L∩T)-D =	
	(L∪T)-D =	
12)	T =	
	LDT =	
		9 62 54 46 38 31 23
	Math 1-10 92 83 77 64 Muse 11-13 15 8 0 0	

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
(L D Oliver Amy Debby Carol George	1. 7 2. 5
	Gwen	35
	Victor Janet	4
	Adam Lana	5
		6. 2
	T	7. Use Line
1)	How many students owned a laptop computer?	8. Use Line
2)	How many students owned a desktop computer?	9. Use Line
3)	How many students owned a tablet?	10. Use Line
4)	How many students had ONLY a laptop computer?	11. Use Line
5)	How many students had ONLY a desktop computer?	12. Use Line
6)	How many students had ONLY a tablet?	13. Use Line
7)	$T \cup D = \{Adam, Amy, Carol, George, Gwen, Janet, Kaleb, Lana, Victor\}$	
8)	$D \cap T = $ {Gwen}	
9)	T-D = {Adam,Janet,Lana,Victor}	
10)	$(L \cap T)$ -D = {Janet, Victor}	
	$(L \cup T)-D = \{Adam, Debby, Janet, Lana, Oliver, Victor\}$	
12)	T = {Adam,Gwen,Janet,Lana,Victor}	
	LDT ={{Gwen}}	
	Math www.CommonCoreSheets.com 4	62 54 46 38 31 23

	Reading a Venn Diagram Name:	
Solv	e each problem.	Answers
	P X Amy Tom Roger Paige Dave Image: Compare the second secon	1. 2.
	Mike Sam Paul Rachel	3. 4.
	Emily Nancy	5 6.
	W	7. Use Line
1)	How many people owned a Playstation?	8. Use Line
1)	How many people owned a Playstation?	9. Use Line
2)	How many people owned a Xbox?	9. Use Line
3)	How many people owned a WiiU?	10. Use Line
4)	How many people owned ONLY a Playstation?	11. Use Line
5)	How many people owned ONLY a Xbox?	12. Use Line
6)	How many people owned ONLY a WiiU?	13. Use Line
7)	X∪W =	
	W∩X =	
	W-X =	
	(P∩W)-X =	
	(P∪W)-X =	
	W =	
	XPW =	
		62 54 46 38 31 23

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
(PXAmyTomPaigeDave	1. <u>6</u> 2. <u>5</u>
		36
	Mike Sam Paul Rachel	4
	Emily Nancy	5
	W	6
	VV	7. Use Line
1)	How many people owned a Playstation?	8. Use Line
2)	How many people owned a Xbox?	9. Use Line
3)	How many people owned a WiiU?	10. Use Line
4)	How many people owned ONLY a Playstation?	11. Use Line
5)	How many people owned ONLY a Xbox?	12. Use Line
6)	How many people owned ONLY a WiiU?	13. Use Line
7)	XUW = {Dave,Emily,Mike,Nancy,Paul,Rachel,Roger,Sam,Tom}	
8)	$W \cap X = $ {Rachel,Sam}	
9)	W-X = {Emily,Mike,Nancy,Paul}	
10)	$(P \cap W)$ -X = {Mike,Paul}	
	$(P \cup W)-X = {Amy, Emily, Mike, Nancy, Paige, Paul}$	
12)	W = {Emily,Mike,Nancy,Paul,Rachel,Sam}	
13)	XPW = {}	
	Math 1-10 92 85 77 69 11-13 15 8 0	62 54 46 38 31 23

	Reading a Venn Diagram Name:	
Solv	e each problem.	Answers
	WF	
		1
	Janet Olivia Adam George	
	Trutalit George	2
	Dave	3.
	Oliver Frank Jerry	
	Victor Debby	4
	Sarah	
	Salah	5
		6.
	Z	
		7. Use Line
		8. Use Line
1)	How many people had been to the water park?	o
2)	How many people had been to the fair?	9. Use Line
		10. Use Line
3)	How many people had been to the zoo?	
4)	How many people had ONLY been to the water park?	11. Use Line
5)	How many people had ONLY been to the fair?	12. Use Line
5)	The many people had ONLT been to the fail?	
6)	How many people had ONLY been to the zoo?	13. Use Line
7)	$W_{L} = F - $	
")	W∪F =	
8)	W∩F =	
)	W-Z =	
10)	(F∩W)-Z =	
	$(W \cup F)-Z = _$	
12)	W =	
13)	ZFW =	
	Math www.CommonCoreSheets.com 6 1-10 92 85 77 6	69 62 54 46 38 31 23

	Reading a Venn Diagram Name: A	nswer Key
Solv	e each problem.	Answers
		1. <u>6</u>
	Janet Olivia Adam George	2. 8
	Dave	3. 7
	Oliver Frank Jerry	
	Victor Debby	
	Sarah	5
		6
		7. Use Line
1)	How many people had been to the water park?	8. Use Line
2)	How many people had been to the fair?	9. Use Line
3)	How many people had been to the zoo?	10. Use Line
4)	How many people had ONLY been to the water park?	11. Use Line
5)	How many people had ONLY been to the fair?	12. Use Line
6)	How many people had ONLY been to the zoo?	13. Use Line
7)	$W \cup F = {Adam, Dave, Debby, Frank, George, Janet, Jerry, Oliver, Olivia, Victor}$	
8)	$W \cap F = $ {Adam, Dave, Frank, Janet}	
9)	W-Z = {Adam,Janet}	
10)	$(F \cap W)-Z = $ {Adam,Janet}	
11)	$(W \cup F)-Z = $ {Adam,George,Janet,Olivia}	
12)	W = {Adam,Dave,Frank,Janet,Oliver,Victor}	
13)	ZFW = {Dave,Frank}	
	Math www.CommonCoreSheets.com 6 1-10 92 85 77 6 11-13 15 8 0	9 62 54 46 38 31 23

	Reading a Venn Diagram	Name:
Solv	e each problem.	Answers
	$B \times S$	
	Lana Sarah Robin	1
	Tom Janet Henry	2.
	Adam	3
	Mike Kaleb	
	XXX	4
	Bianca	5.
	Frank	
		6
	R	7. Use Line
		7. Use Line
1)		8. Use Line
1)	How many people had a bike?	
2)	How many people had a scooter?	9. Use Line
		10. Use Line
3)	How many people had roller blades?	
4)	How many people had ONLY a bike?	11. Use Line
5)	How many people had ONLY a scooter?	12. Use Line
6)	How many people had ONLY roller blades?	13. Use Line
7)	R∪B =	
0)	$S \cap R =$	—
9)	B-R =	
10)	$(B \cap R) - S = _$	
11)	(B∪R)-S =	
14)	B =	-
13)	RBS =	
	Math www.CommonCoreSheets.com 7 ¹⁻¹⁰	92 85 77 69 62 54 46 38 31 23 15 8 0

	Reading a Venn Diagram Name: A	nswer Key
Solv	re each problem.	Answers
/	Lana Sarah Robin	16
	Tom Janet Henry	27
	Adam Mike	3
	Kaleb	4
	Bianca Frank	5
		6. 2
	R	7. Use Line
1)	How many people had a bike?	8. Use Line
2)	How many people had a scooter?	9. Use Line
3)	How many people had roller blades?	10. Use Line
4)	How many people had ONLY a bike?	11. Use Line
5)	How many people had ONLY a scooter?	12. Use Line
6)	How many people had ONLY roller blades?	13. Use Line
7)	$R \cup B = $ {Adam,Bianca,Frank,Janet,Kaleb,Lana,Mike,Sarah,Tom}	
8)	$S \cap R = $ {Adam,Kaleb,Mike}	
9)	B-R = {Janet,Lana,Sarah,Tom}	
10)	$(B \cap R)-S = \{\}$	
11)	$(B \cup R)-S = $ {Bianca,Frank,Lana,Tom}	
12)	B = {Adam,Janet,Lana,Mike,Sarah,Tom}	
13)	RBS = {Adam,Mike}	
	Math www.CommonCoreSheets.com 7 1-10 92 85 77 69	9 62 54 46 38 31 23

	Reading a Venn Diagram Name:	
Solv	e each problem.	Answers
(W F Cody Edward Oliver	1
	Janet Faye Tiffany	2
	Dave Paul Luke Rachel	4.
	Mike	5
		6
		7. Use Line
1)	How many people had been to the water park?	8. Use Line
1)	The many people had been to the water park?	9. Use Line
2)	How many people had been to the fair?	9. Use Line
3)	How many people had been to the zoo?	10. Use Line
4)	How many people had ONLY been to the water park?	11. Use Line
5)	How many people had ONLY been to the fair?	12. Use Line
6)	How many people had ONLY been to the zoo?	13. Use Line
7)	W∪F =	
8)	Z∩F =	
	F-Z =	
	(F∩W)-Z =	
	(F∪W)-Z =	
12)	F =	
	ZWF =	
		62 54 46 38 31 23

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
/	Cody Edward Oliver	17
	Janet Faye	27
	Tiffany Paul	36
	Dave Luke Rachel	4
	Mike	5
		6
		7. Use Line
1)	How many people had been to the water park?	8. Use Line
2)	How many people had been to the fair?	9. Use Line
3)	How many people had been to the zoo?	10. Use Line
4)	How many people had ONLY been to the water park?	11. Use Line
5)	How many people had ONLY been to the fair?	12. Use Line
6)	How many people had ONLY been to the zoo?	13. Use Line
7)	$W \cup F = \{Cody, Dave, Edward, Faye, Janet, Luke, Oliver, Paul, Rachel, Tiffany\}$	
8)	$Z \cap F = \{Luke, Paul, Rachel, Tiffany\}$	
9)	F-Z = {Edward,Faye,Oliver}	
10)	$(F \cap W)-Z = \underbrace{\{Edward, Faye\}}$	
11)	$(F \cup W)-Z = \{Cody, Edward, Faye, Janet, Oliver\}$	
12)	F = {Edward,Faye,Luke,Oliver,Paul,Rachel,Tiffany}	
13)	ZWF = {Paul,Tiffany}	
	Math www.CommonCoreSheets.com 8 1-10 92 85 77 69	62 54 46 38 31 23

	Reading a Venn Diagram Name:	
Solv	e each problem.	Answers
	WF	
		1.
	Nancy Tom Bianca	
	Janet Luke George	2
		3
	Victor Haley	
	John Jerry	4
	Katie	
	Kalle	5
		6
		7. Use Line
1)		8. Use Line
1)	How many people had been to the water park?	
2)	How many people had been to the fair?	9. Use Line
_)	How many people had been to the fail.	
3)	How many people had been to the zoo?	10. Use Line
4)	How many people had ONLY been to the water park?	11. Use Line
-		12. Use Line
5)	How many people had ONLY been to the fair?	12. <u>Osc Linc</u>
6)	How many people had ONLY been to the zoo?	13. Use Line
-)		
7)	F∪W =	
8)	$F \cap Z =$	
y)	W-Z =	
	$(W \cap Z)-F = _$	
11)	$(F \cup W) - Z = _$	
12)	Z =	
13)	ZFW =	
	$\mathbf{O} \qquad 1-10 92 85 77 69$	62 54 46 38 31 23
	Math 9 1-10 92 85 77 69 Math www.CommonCoreSheets.com 9 11-13 15 8 0	

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
(W F Nancy Tom Bianca Janet Luke George	1. <u>6</u> 2. <u>6</u>
		3
	Victor Haley John Jerry	4
	Katie	5
		6
		7. Use Line
1)	How many people had been to the water park?	8. Use Line
2)	How many people had been to the fair?	9. Use Line
3)	How many people had been to the zoo?	10. Use Line
4)	How many people had ONLY been to the water park?	11. Use Line
5)	How many people had ONLY been to the fair?	12. Use Line
6)	How many people had ONLY been to the zoo?	13. Use Line
7)	$F \cup W = \{Bianca, George, Haley, Janet, Jerry, John, Luke, Nancy, Tom, Victor\}$	
8)	$F \cap Z = $ {Haley, Jerry}	
9)	W-Z = {Janet,Luke,Nancy,Tom}	
10)	$(W \cap Z)-F = $ {John,Victor}	
11)	$(F \cup W)$ -Z = {Bianca, George, Janet, Luke, Nancy, Tom}	
12)	Z = {Haley,Jerry,John,Katie,Victor}	
13)	ZFW = { }	
	Math www.CommonCoreSheets.com 9 1-10 92 85 77 69 11-13 15 8 0	62 54 46 38 31 23

	-	Reading a Venn Diagram	Name:	
Solv	e each problem.			Answers
/	Victor B Isabel	S Frank		1
	Edward Tiffany			2
	Tom Sam Faye	Emily		3
	Jerry	Janet		4
				5
	G			6
				7. Use Line
1)	How many students play	ed baseball?		8. Use Line
2)	How many students play	ed soccer?		9. Use Line
3)	How many students play	ed golf?		10. Use Line
4)	How many students play	ed ONLY baseball?		11. Use Line
5)	How many students play	ed ONLY soccer?		12. Use Line
6)	How many students play	ed ONLY golf?		13. Use Line
7)	B∪S =			
9)	S-B =			
10)	(S∩G)-B =			
11)	(B∪G)-S =			
12)	S =			
13)	SGB =			
	Math www.C	CommonCoreSheets.com 10	1-109285776911-131580	62 54 46 38 31 23

	Reading a Venn Diagram Name: An	swer Key
Solv	e each problem.	Answers
/	Victor Isabel Frank	18
	Edward Tiffany	27
	Sam Faye	3. <u>6</u>
	Tom Jerry Janet	4
		5
	G	6. 0
		7. Use Line
1)	How many students played baseball?	8. Use Line
2)	How many students played soccer?	9. Use Line
3)	How many students played golf?	10. Use Line
4)	How many students played ONLY baseball?	11. Use Line
5)	How many students played ONLY soccer?	12. Use Line
6)	How many students played ONLY golf?	13. Use Line
7)	$B \cup S = \{Edward, Emily, Faye, Frank, Isabel, Janet, Jerry, Sam, Tiffany, Tom, Victor\}$	
8)	$B \cap S = \{Faye, Isabel, Sam, Tiffany\}$	
9)	S-B = {Emily,Frank,Janet}	
10)	$(S \cap G)-B = $ {Emily,Janet}	
11)	$(B \cup G)-S = $ {Edward, Jerry, Tom, Victor}	
12)	S = {Emily,Faye,Frank,Isabel,Janet,Sam,Tiffany}	
13)	SGB = {Faye,Sam}	
	Math www.CommonCoreSheets.com 10 1-10 92 85 77 69 11-13 15 8 0	62 54 46 38 31 23