	Reading a Venn Diagram Name:		
The	the diagram below shows the different places students had been in the last year. Water		<u>Answers</u>
	Fran Gary Larry Dan Nick Ed Heath Mary Bill	1. 2. 3. 4. 5. 6. 7.	Line
1)	How many people had been to the water park?	8.	Line
2)	How many people had been to the fair?	9.	Line
3)	How many people had been to the zoo?	10.	Line
4)	How many people had ONLY been to the water park?	11.	Line
5)	How many people had ONLY been to the fair?	12.	Line
6)	How many people had ONLY been to the zoo?	13.	Line
7)	W∪Z =		
8)	Z∩W =		
9)	W-Z =		
10)	(W∩Z)-F =		
11)	(F∪W)-Z =		
12)	W =		
13)	WZF =		
	Math 1-10 92 85 77 11-13 15 8 0	69 62 5	54 46 38 31 23

	Reading a Venn Diagram Name:	Answer	Key
The	diagram below shows the different places students had been in the last year. Wath $(W)$ . Frinc(F) and $Z_{2,2}(Z)$ . Use the diagram to common the uncertainty	ter	Answers
Par	k (W), Fair (F) and Zoo(Z). Use the diagram to answer the questions.	1. 2. 3. 4. 5. 6.	5 6 5 2 2 2 2
1)	How many people had been to the water park? 5	7.	Line
2)	How many people had been to the fair? 6	9.	Line
3)	How many people had been to the zoo? 5	10.	Line
4)	How many people had ONLY been to the water park? 2	11.	Line
5)	How many people had ONLY been to the fair? 2	12.	Line
6)	How many people had ONLY been to the zoo? 2	13.	Line
7)	$W \cup Z = {Bill, Dan, Ed, Fran, Gary, Heath, Kelly, Mary, Nick}$		
8)	$Z \cap W = $ {Kelly}		
<b>9</b> )	W-Z = {Dan, Fran, Gary, Nick}		
10)	$(W \cap Z)-F = \underbrace{\{Kelly\}}$	_	
11)	$(F \cup W)-Z = \{Cathy, Dan, Fran, Gary, Larry, Nick\}$	_	
12)	W = {Dan, Fran, Gary, Kelly, Nick}		
13)	WZF = { }		
	Math 1-10 92 83 11-13 15 8	5 77 69 62 : 0	54 46 38 31 23

	Reading a Venn Diagram Name:	
The	diagram below shows the different sports students played. Baseball (B), Soccer (S)	Answers
and	Golf(G). Use the diagram to answer the questions.	
	$B \times S$	1
/	Dan Fran Cathy	2
	Heath	3
	Ed	
	Larry Jane Bill	4
	Kelly Anne	5.
	Gary	
		6
	G	7. <b>Line</b>
1)	How many students played baseball?	• Line
-		o
2)	How many students played soccer?	9. <u>Line</u>
3)	How many students played golf?	10. <b>Line</b>
4)	How many students played ONLY baseball?	11. <b>Line</b>
5)	How many students played ONLY soccer?	12. <b>Line</b>
6)	How many students played ONLY golf?	13. <b>Line</b>
7)	G∪B =	
8)	$C \sim S -$	
0)		
9)	G-B =	
10)	(B∩G)-S =	
11)	(G∪B)-S =	
12)	S =	
13)	BSG =	
	Math www.CommonCoreSheets.com 2	62 54 46 38 31 23

	Reading a Venn Diagram Name:	Answe	r Key
The	diagram below shows the different sports students played. Baseball (B), Soccer Colf(C). Use the diagram to answer the questions	· (S)	Answers
anu	Gon(G). Use the diagram to answer the questions.		17
/	Dan Fran Cathy		2. 6
	Heath		37
	Ed Jane Bill		42
	Kelly Anne		5
	Gary		6
	G		7. Line
1)	How many students played baseball? 7		8. Line
2)	How many students played soccer? 6		9. Line
3)	How many students played golf? 7		10. Line
4)	How many students played ONLY baseball? 2		11. Line
5)	How many students played ONLY soccer? 1		12. Line
6)	How many students played ONLY golf? 1		13. Line
7)	$G \cup B = $ {Anne, Bill, Dan, Ed, Fran, Gary, Heath, Jane, Kelly, Larry}		
8)	$G \cap S = $ {Anne, Bill, Ed, Jane}		
9)	G-B = {Anne, Bill, Gary}		
10)	$(B \cap G)-S = \underbrace{\{\text{Kelly, Larry}\}}$		
11)	$(G \cup B)$ -S = {Dan, Gary, Heath, Kelly, Larry}		
12)	S = {Anne, Bill, Cathy, Ed, Fran, Jane}		
13)	BSG = {Ed, Jane}		
	Math www.CommonCoreSheets.com $2$ $\frac{1-10}{11-13}$ $\frac{92}{15}$	85 77 69 0 8 0	52 54 46 38 31 23

	Reading a Venn Diagram Name:	
The	diagram below shows the different sports students played. Baseball (B), Soccer (S)	Answers
	B Nick Dan Fran Gary Cathy Mary	1.
1)	How many students played baseball?	8. Line
2)	How many students played soccer?	9. Line
3)	How many students played golf?	10. <b>Line</b>
4)	How many students played ONLY baseball?	11. <b>Line</b>
5)	How many students played ONLY soccer?	12. <b>Line</b>
6)	How many students played ONLY golf?	13. <b>Line</b>
7)	S∪B =	
8)	G∩S =	
9)	B-G =	
10)	(G∩S)-B =	
11)	(B∪S)-G =	
12)	B =	
13)	BGS =	
	Math 3 1-10 92 85 77 69 11-13 15 8 0	0 62 54 46 38 31 23

	Reading a Venn Diagram Name:	Answer	Key
The	diagram below shows the different sports students played. Baseball (B), Soccer	r (S)	Answers
ano	Gon(G). Use the diagram to answer the questions.	1.	7
/	Nick Ed	2.	5
	Dan	3.	8
	Jane Bill Jarry	4.	2
	Gary Kelly	5.	0
	Cathy Mary	6.	2
	G	7.	Line
1)	How many students played baseball? 7	8.	Line
2)	How many students played soccer? 5	9.	Line
3)	How many students played golf? 8	10	Line
4)	How many students played ONLY baseball? 2	11	Line
5)	How many students played ONLY soccer? 0	12	Line
6)	How many students played ONLY golf? 2	13	Line
7)	$S \cup B = $ {Bill, Dan, Ed, Fran, Gary, Jane, Kelly, Larry, Nick}		
8)	$G \cap S = $ {Bill, Jane, Kelly, Larry}		
9)	B-G = {Dan, Ed, Nick}		
10)	$(G \cap S)-B = \underbrace{\{Kelly, Larry\}}$		
11)	$(B \cup S)-G = \underbrace{\{\text{Dan, Ed, Nick}\}}$		
12)	B = {Bill, Dan, Ed, Fran, Gary, Jane, Nick}		
13)	BGS = {Bill, Jane}		
	Math www.CommonCoreSheets.com 3	85 77 69 62 8 0	54 46 38 31 23

	Reading a Venn Diagram Name:	
The	diagram below shows the different transportation students had. Bike (B), Scooter (S)	Answers
and	<b>Roller Blades(R).</b> Use the diagram to answer the questions.	
	BS	1
/	Jane Fran Anne	2.
	Gary Mary	
		3
	Heath	
	Ed Cathy Dill	T
	Larry Bill	5
	Kelly	6
		0
	R	7. <b>Line</b>
1)	How many people had a bike?	• Line
,		8. <u></u>
2)	How many people had a scooter?	9. <b>Line</b>
3)	How many people had roller blades?	10. <b>Line</b>
4)	How many people had ONLY a bike?	11. <b>Line</b>
5)	How many people had ONLY a scooter?	12. <b>Line</b>
6)	How many people had ONLY roller blades?	13. <b>Line</b>
7)	$R \cup S =$	
0		
8)	S∩B =	
9)	S-R =	
10)	$(S \cap B) - R =$	
_0)		
11)	(B∪S)-R =	
12)	S =	
13)	RSB =	
	Math www.CommonCoreSheets.com 4	59 62 54 46 38 31 23

	Reading a Venn Diagram Name:	Answer Key
The	e diagram below shows the different transportation students had. Bike (B), Scoote	r (S) <u>Answers</u>
	Roller Blades(R). Use the diagram to answer the questions.	1. $7$ 2. $6$ 3. $6$ 4. $2$ 5. $1$ 6. $1$ 7 Line
1)	How many people had a bike? 7	8. Line
2)	How many people had a scooter? <u>6</u>	9. <b>Line</b>
3)	How many people had roller blades? 6	10. <b>Line</b>
4)	How many people had ONLY a bike? 2	11. <b>Line</b>
5)	How many people had ONLY a scooter? 1	12. <b>Line</b>
6)	How many people had ONLY roller blades? 1	13. <b>Line</b>
7)	$R \cup S = $ {Anne, Bill, Cathy, Ed, Fran, Heath, Kelly, Larry, Mary}	
8)	$S \cap B = $ {Fran, Heath, Mary}	
9)	S-R = {Anne, Fran, Mary}	
10)	$(S \cap B)$ -R = {Fran, Mary}	-
11)	$(B \cup S)-R ={Anne, Fran, Gary, Jane, Mary}$	-
12)	S = {Anne, Bill, Cathy, Fran, Heath, Mary}	
13)	RSB = {Heath}	
	Math <u>1-10</u> 92 85	77 69 62 54 46 38 31 23   0

	Reading a Venn Diagram Name:		
The	e diagram below shows which game console students own. Playstation (P), Xbox (X) and U(W). Use the diagram to answer the questions	:	Answers
Wii	U(W). Use the diagram to answer the questions.	1.	Lino
1)		7	
1)	How many people owned a Playstation?	8	Line
2)	How many people owned a Xbox?	9	Line
3)	How many people owned a WiiU?	10	Line
4)	How many people owned ONLY a Playstation?	11	Line
5)	How many people owned ONLY a Xbox?	12	Line
6)	How many people owned ONLY a WiiU?	13	Line
7)	P∪X =		
8)	W∩X =		
9)	W-X =		
10)	(P∩W)-X =		
11)	(W∪X)-P =		
12)	X =		
13)	PXW =		
	Math www.CommonCoreSheets.com 5	62 54	46 38 31 23



	Reading a Venn Diagram Name:	
The	diagram below shows the different sports students played. Baseball (B), Soccer (S)	Answers
	Gon(G). Use the diagram to answer the questions.	1.
1)	How many students played baseball?	8. <b>Line</b>
2)	How many students played soccer?	9. Line
3)	How many students played golf?	10. <b>Line</b>
4)	How many students played ONLY baseball?	11. <b>Line</b>
5)	How many students played ONLY soccer?	12. <b>Line</b>
6)	How many students played ONLY golf?	13. <b>Line</b>
7)	B∪S =	
8)	S∩G =	
9)	B-G =	
10)	(B∩G)-S =	
11)	(B∪G)-S =	
12)	B =	
13)	GBS =	
	Math 1-10 92 85 77 69	62 54 46 38 31 23



	Deading a Vann Diagram Name:			
The	diagram below shows which pet students own. Cat (C). Dog (D) and Fish(F). Use the		Answers	
diag	gram to answer the questions.		<u> </u>	-
/	C D Kelly	1.   2.		
	Bill Jane	3.		
	Fran Cathy Mary Nick	4.		
	Dan	5.		
	Gary	0.		—
	F	7.	Line	
1)	How many people owned a cat?	8.	Line	
2)	How many people owned a dog?	9.	Line	
3)	How many people owned a fish?	10.	Line	
4)	How many people owned ONLY a cat?	11.	Line	
5)	How many people owned ONLY a dog?	12.	Line	
6)	How many people owned ONLY a fish?	13.	Line	
7)	$D \cup C =$			
8)	D∩F =			
9)	C-F =			
10)	(D∩C)-F =			
11)	(C∪D)-F =			
12)	C =			
13)	DFC =			
	Math7 1-10 92 85 77 69	62 5	54 46 38 31 2	3

	Reading a Venn Diagram Name: Answ	ver Key
The	e diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the	Answers
araş	C D	1
/	Ed Kelly	27
	Bill Jane	37
	Fran Cathy	4
	Mary Nick	5
	Dan Gary	6. <b>2</b>
	F	7. <b>Line</b>
1)	How many people owned a cat? 5	8. <b>Line</b>
2)	How many people owned a dog? 7	9. <b>Line</b>
3)	How many people owned a fish? 7	10. <b>Line</b>
4)	How many people owned ONLY a cat? 0	11. <b>Line</b>
5)	How many people owned ONLY a dog? 2	12. <b>Line</b>
6)	How many people owned ONLY a fish? 2	13. <b>Line</b>
7)	$D \cup C = {Bill, Cathy, Ed, Fran, Jane, Kelly, Larry, Mary, Nick}$	
8)	$D \cap F = $ {Cathy, Larry, Nick}	
<b>9</b> )	C-F = {Bill, Ed}	
10)	$(D \cap C)-F = $ {Bill, Ed}	
11)	$(C \cup D)-F ={Bill, Ed, Jane, Kelly}$	
12)	C = {Bill, Ed, Fran, Larry, Mary}	
13)	DFC ={Larry}	
	Math New Common Core Sheets.com 7	9 62 54 46 38 31 23

	Reading a Venn Diagram Name:	
The	diagram below shows the different places students had been in the last year. Water	Answers
Par	k (W), Fair (F) and Zoo(Z). Use the diagram to answer the questions.	
	WF	1
	Fran Jane	2.
	Gary Ed	
		3
	Anne	
	Nick Kelly	4
	Dan Mary	5.
	Cathy	
		6
		- Line
		7. <u>Lanc</u>
1)	How many people had been to the water park?	8. <b>Line</b>
2)	How many people had been to the fair?	9. <b>Line</b>
3)	How many people had been to the zoo?	10. <b>Line</b>
4)	How many people had ONLY been to the water park?	11. <b>Line</b>
5)	How many people had ONLY been to the fair?	12. <b>Line</b>
6)	How many people had ONLY been to the zoo?	13. <b>Line</b>
7)	Z∪W =	
8)	$Z \cap F =$	
9)	F-W =	
10)	$(F \cap W)$ -Z =	
11)	(F∪Z)-W =	
12)	Z =	
13)	FWZ =	
	Math www.CommonCoreSheets.com 8 1-10 92 85 77 11-13 15 8 0	69 62 54 46 38 31 23

	Reading a Venn Diagram Name:	Answer <b>F</b>	Key
The	diagram below shows the different places students had been in the last year. W	Vater	Answers
Par	k (W), Fair (F) and Zoo(Z). Use the diagram to answer the questions.	1	<u>6</u> 8
	Gary Ed Anne	3.	7
	Nick Larry Kelly Dan Mary	4 5	0 2
	Catny	6	1
	Z	7	Line
1)	How many people had been to the water park? 6	8	Line
2)	How many people had been to the fair? 8	9	Line
3)	How many people had been to the zoo? 7	10	Line
4)	How many people had ONLY been to the water park? 0	11	Line
5)	How many people had ONLY been to the fair? 2	12	Line
6)	How many people had ONLY been to the zoo? 1	13	Line
7)	$Z \cup W = $ {Anne, Cathy, Dan, Fran, Gary, Kelly, Larry, Mary, Nick}		
8)	$Z \cap F = $ {Anne, Kelly, Larry, Mary}		
9)	F-W = {Ed, Jane, Kelly, Mary}		
10)	$(F \cap W)-Z = \underbrace{\{Fran, Gary\}}$		
11)	$(F \cup Z)-W = \underbrace{\{Cathy, Ed, Jane, Kelly, Mary\}}$		
12)	Z = {Anne, Cathy, Dan, Kelly, Larry, Mary, Nick}		
13)	FWZ = {Anne, Larry}		
	Math www.CommonCoreSheets.com 8 1-10 92 11-13 15	85 77 69 62 54 8 0	4 46 38 31 23

	Deading a Vann Diagram Name		
The	diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the		newore
diag	gram to answer the questions.		
	Heath Bill Mary Mary Ed F	1.	Line
1)	How many people owned a cat?	8.	Line
2)	How many people owned a dog?	9	Line
3)	How many people owned a fish?	10	Line
4)	How many people owned ONLY a cat?	11	Line
5)	How many people owned ONLY a dog?	12	Line
6)	How many people owned ONLY a fish?	13	Line
7)	F∪C =		
8)	D∩C =		
<b>9</b> )	D-F =		
10)	(C∩D)-F =		
11)	(D∪F)-C =		
12)	C =		
13)	CFD =		
	Math <u>1-10</u> 92 85 77 69 11-13 15 8 0	0 62 54 4	46 38 31 23

	Reading a Venn Diagram Name: Answ	ver Key
The	diagram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the	Answers
diag	rungram below shows which pet students own. Cat (C), Dog (D) and Fish(F). Use the gram to answer the questions.	Answers     1. $6$ 2. $6$ 3. $6$ 4. $2$ 5. $1$ 6. $2$
	F	7. <b>Line</b>
1)	How many people owned a cat? 6	8. <b>Line</b>
2)	How many people owned a dog? 6	9. <b>Line</b>
3)	How many people owned a fish? 6	10. <b>Line</b>
4)	How many people owned ONLY a cat? 2	11. <b>Line</b>
5)	How many people owned ONLY a dog? 1	12. <b>Line</b>
6)	How many people owned ONLY a fish? 2	13. <b>Line</b>
7)	$F \cup C = \{Anne, Bill, Ed, Fran, Gary, Heath, Jane, Kelly, Mary, Nick\}$	
8)	$D \cap C = $ {Anne, Jane, Kelly}	
<b>9</b> )	D-F = {Anne, Dan, Kelly}	
10)	$(C \cap D)$ -F = {Anne, Kelly}	
11)	$(D \cup F)-C = {Dan, Ed, Fran, Gary, Nick}$	
12)	C = {Anne, Bill, Heath, Jane, Kelly, Mary}	
13)	CFD = {Jane}	
	Math www.CommonCoreSheets.com 9 1-10 92 85 77 69	62 54 46 38 31 23

	Reading a Venn Diagram Name:	
The	diagram below shows the different computers students had at their house. Laptop (L),	Answers
Des	ktop (D) and Tablet(T). Use the diagram to answer the questions.	
		1
	Gary Fran Kelly	2
	Allile	3
	Heath Bill Larry	4
	Mary	5
	Ed	6
	Jane	0
	T	7. <b>Line</b>
1)	How many students owned a laptop computer?	8. Line
2)	How many students owned a desktop computer?	9. <b>Line</b>
3)	How many students owned a tablet?	10. <b>Line</b>
4)	How many students had ONLY a laptop computer?	11. Line
5)	How many students had ONLY a desktop computer?	12. <b>Line</b>
6)	How many students had ONLY a tablet?	13. <b>Line</b>
7)	D∪L =	
8)	T∩L =	
9)	D-L =	
10)	(L∩T)-D =	
11)	(T∪L)-D =	
12)	D =	
13)	TDL =	
	Math www.CommonCoreSheets.com 10 1-10 92 85 77 69	62 54 46 38 31 23

	Reading a Venn Diagram Name: An	swer Key
The	diagram below shows the different computers students had at their house. Laptop (	L), <u>Answers</u>
Des	ktop (D) and Tablet(T). Use the diagram to answer the questions.	17
/	Gary Fran Kelly	25
	Anne Nick	36
	Heath Bill Larry	4
	Mary	5
	Jane	6
	T	7. <b>Line</b>
1)	How many students owned a laptop computer? 7	8. <b>Line</b>
2)	How many students owned a desktop computer? 5	9. <b>Line</b>
3)	How many students owned a tablet? 6	10. <b>Line</b>
4)	How many students had ONLY a laptop computer? 2	11. <b>Line</b>
5)	How many students had ONLY a desktop computer? 1	12. <b>Line</b>
6)	How many students had ONLY a tablet? 2	13. <b>Line</b>
7)	$D \cup L = {Anne, Bill, Fran, Gary, Heath, Kelly, Larry, Mary, Nick}$	
8)	$T \cap L = $ {Bill, Heath, Mary}	
9)	D-L = {Kelly, Larry}	
10)	$(L \cap T)-D = \underbrace{\{\text{Heath, Mary}\}}$	
11)	$(T \cup L)-D = $ {Anne, Ed, Gary, Heath, Jane, Mary}	
12)	D = {Bill, Fran, Kelly, Larry, Nick}	
13)	TDL = {Bill}	
	Math New Common Core Sheets com 10	7 69 62 54 46 38 31 23