		•			Basic Probability	Name:	
	each	diaor	am to so	lve the pro			Answors
				-	If you spun the spinner 1 time, what is the p would land on a black piece?	probability it	<u>Answers</u> 1
	2)			2)	If you spun the spinner 1 time, what is the p of landing on either a black piece or a white		2
	$\searrow$	/		3)	If you spun the spinner 1 time, what is the p would land on a gray piece?	probability it	4
				4)	If you spun the spinner 1 time, what is the p would land on a white piece?	probability it	5
				5)	How many pieces are there total in the spin	ner?	7.
6)		u wer on a		he dice one	time what is the probability it will NOT		8.       9.
7)	If yo a 4?	u wer	e to roll t	he dice one	time what is the probability it will land on		10 11
8)	•		e to roll t number?	he dice one	time, what is the probability of it landing		12
•		$\overrightarrow{\mathbf{x}}$		•		•	
				9)	Which shape has a 40.00% chance (8 out of being selected?	1 20) 01	
				10)	If you were to calcut 1 shape at random from	m the error	
• ☆				10)	If you were to select 1 shape at random from what shape do you have the greatest probab selecting?	· · ·	
☆	$\Rightarrow \bullet \bigcirc \Rightarrow$		11)	-	·		
				12)	How many shapes are there total in the arra	ny?	
	N	lath	W	www.Commo		-10 92 83 75 1-12 8 0	67 58 50 42 33 25 17

	Basic Probability Name:	Answer Key
Use each diagram to solve the pr		
Use each diagram to solve the pro-	If you spun the spinner 1 time, what is the probability it would land on a black piece?	<u>Answers</u> 1. <u>4 out of 9</u>
2)	If you spun the spinner 1 time, what is the probability of landing on either a black piece or a white piece?	<ol> <li>2. 7 out of 9</li> <li>3. 2 out of 9</li> </ol>
3)	If you spun the spinner 1 time, what is the probability it would land on a gray piece?	3.     2 out of 9       4.     3 out of 9
4)	If you spun the spinner 1 time, what is the probability it would land on a white piece?	5
5)	How many pieces are there total in the spinner?	6. <u>5 out of 6</u> 7. <u>1 out of 6</u>
•	•	8. <b>3 out of 6</b>
6) If you were to roll the dice one land on a 1?	e time what is the probability it will NOT	9. <u>star</u>
7) If you were to roll the dice one a 4?	e time what is the probability it will land on	10.         circle           11.         11 out of 20
8) If you were to roll the dice one on an odd number?	e time, what is the probability of it landing	12. <b>20</b>
	Which shape has a 40.00% chance (8 out of 20) of being selected?	
	If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?	
	If you were to select 1 shape at random from the array, what is the probability it will be a diamond?	
12)	How many shapes are there total in the array?	
Math www.Comm	onCoreSheets.com 1 1-10 92 83 7 11-12 8 0	5 67 58 50 42 33 25 17

			Basic Probability		Name:	
	each diagra	um to solve the pro				Angwong
		_	the dice one time what	is the probability it w	ill land on	<u>Answers</u> 1
	2)	If you were to roll land on a 1?	the dice one time what	is the probability it w	ill NOT	2
	3)	If you were to roll on an odd number	the dice one time, what ?	is the probability of i	it landing	4
<b>4</b> )	Which shap being select	be has a 40.00% cha ted?	nce (8 out of 20) of	$ \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc $	● ♡	5.           6.
5)	How many	shapes are there tota	al in the array?	$\bigcirc \heartsuit \heartsuit \diamondsuit \diamondsuit$	<ul><li>○</li><li>◆</li></ul>	7
6)		to select 1 shape at do you have the gre	random from the array, atest probability of			9
7)	•	to select 1 shape at probability it will be	random from the array, e a diamond?			10 11
•		8)	If you spun the spinner it would land on a whi	-	• robability	12
		9)	If you spun the spinner it would land on a blac	-	robability	
		10)	If you spun the spinner it would land on a gray	_	robability	
		11)	How many pieces are	there total in the spinr	ner?	
		12)	If you spun the spinner of landing on either a v	_		
	Math	www.Commo	nCoreSheets.com		10 92 83 75 -12 8 0	67 58 50 42 33 25 17

			Basic Probability	Name:	Answer Key
Use	each diagra	m to solve the pro	•		II .
			the dice one time what is the probability	y it will land on	<u>Answers</u> 1. <u>1 out of 6</u>
	2)	If you were to roll land on a 1?	the dice one time what is the probability	y it will NOT	2. <b>5 out of 6</b>
	3)	If you were to roll on an odd number	the dice one time, what is the probabilit	y of it landing	3.       3 out of 6         4.       circle
•				•	5. <b>20</b>
4)	Which shap being select	e has a 40.00% cha ed?	$(8 \text{ out of } 20) \text{ of } \qquad $	$\diamond \heartsuit$	6. diamond
5)	How many	shapes are there tota	al in the array? $\bigcirc \heartsuit \heartsuit$		7. <u>6 out of 20</u>
6)	If you were	to select 1 shape at	random from the array,		8. 2 out of 8
0)	•	do you have the gre	•		9. <u>4 out of 8</u> 10. <u>2 out of 8</u>
7)	If you were what is the		10. <u>2 out of 8</u> 11. <u>8</u>		
•			If you going the oping of 1 time, what is	the much shility	12. <b>4 out of 8</b>
		<b>8</b> )	If you spun the spinner 1 time, what is it would land on a white piece?	the probability	
		9)	If you spun the spinner 1 time, what is it would land on a black piece?	the probability	
		10)	If you spun the spinner 1 time, what is it would land on a gray piece?	the probability	
		11)	How many pieces are there total in the	spinner?	
		12)	If you spun the spinner 1 time, what is of landing on either a white piece or a g		
	Math	www.Commo	nCoreSheets.com 2	1-10 92 83 7 11-12 8 0	II

Use each diagram to solve the pr	Basic Probability	Name:
	<ul><li>If you were to select 1 shape at random from what is the probability it will be a star?</li></ul>	n the array, 1.
$\begin{array}{c} \bigstar & \bigtriangledown & \bigtriangledown & \bigcirc & \bigcirc \\ \bigstar & \bigtriangledown & \bigtriangledown & \bigtriangledown & \circlearrowright & \circlearrowright & \circlearrowright \end{array} $	Which shape has a 43.75% chance (7 out of being selected?	2 3
3)	If you were to select 1 shape at random from what shape do you have the greatest probabi selecting?	· · ·
4)	How many shapes are there total in the array	y? 5 6
<ul><li>5) If you were to roll the dice or a 2?</li></ul>	ne time what is the probability it will land on	7.       8.
6) If you were to roll the dice or land on a 1?	ne time what is the probability it will NOT	9
7) If you were to roll the dice or on an odd number?	he time, what is the probability of it landing	10.       11.
8	) If you spun the spinner 1 time, what is the p it would land on a white piece?	probability <sup>12.</sup>
9	) How many pieces are there total in the spin	iner?
10	) If you spun the spinner 1 time, what is the p of landing on either a white piece or a black	
11	) If you spun the spinner 1 time, what is the p it would land on a black piece?	probability
12	) If you spun the spinner 1 time, what is the p it would land on a gray piece?	probability
Math www.Comm	4	1-10 92 83 75 67 58 50 42 33 25 17 1-12 8 0

				Basic Probability	Name:	Answer Key
Use	each diagra	am to solve the	e pro	-		Answers
$\bigcirc$	$\bigcirc \bigstar$	★ ♡	1)	If you were to select 1 shape at random from what is the probability it will be a star?	n the array,	1. <b>5 out of 16</b>
★ ★	$\bigcirc \bigcirc \bigcirc$	$\bigcirc$	2)	Which shape has a 43.75% chance (7 out of being selected?	16) of	2. heart 3. circle
			3)	If you were to select 1 shape at random from what shape do you have the greatest probabi selecting?	•	4. <u><b>16</b></u>
			4)	How many shapes are there total in the array	y?	5. <b>1 out of 6</b>
						6. 5 out of 6
5)	If you were a 2?	e to roll the dice	e one	time what is the probability it will land on		7. <u>3 out of 6</u> 8. <u>2 out of 7</u>
6)	If you were land on a 1		e one	time what is the probability it will NOT		9. <u>7</u>
7)	If you were on an odd r		e one	time, what is the probability of it landing		10.       4 out of 7         11.       2 out of 7
•			8)	If you spun the spinner 1 time, what is the p it would land on a white piece?	probability	12. <u>3 out of 7</u>
			9)	How many pieces are there total in the spin	ner?	
7			10)	If you spun the spinner 1 time, what is the p of landing on either a white piece or a black		
			11)	If you spun the spinner 1 time, what is the p it would land on a black piece?	probability	
			12)	If you spun the spinner 1 time, what is the p it would land on a gray piece?	probability	
	Math	www.Co	ommo	4	-10 92 83 7 1-12 8 0	75 67 58 50 42 33 25 17

		Basic Probability	Name:
Use each diagram to solve t	the pro	•	Answers
$\bigstar {\simeq} \Box {\simeq} \bigstar$	1)	Which shape has a 40.00% chance (8 out of	
$\bigstar \bigstar \square \bigstar$		being selected?	1.
	2)	If you were to select 1 shape at random from	
		what shape do you have the greatest probabi	lity of
		selecting?	3
	3)	How many shapes are there total in the array	/?
			4
	4)	If you were to select 1 shape at random from	the array, 5.
		what is the probability it will be a circle?	6.
			0
• <b>5</b> ) If you were to roll the d	ice one	time what is the probability it will land on	7.
a 5?		time what is the probability it will laid of	• • • •
			• • • • • • 8
6) If you were to roll the d	ioo ono	time, what is the probability of it landing	
6) If you were to roll the d on an odd number?	ice one	time, what is the probability of it landing	9
<b>7</b> ) If an an and a small the sh	•	time and other much as it is the second state of the second state	10
7) If you were to roll the d land on a 1?	ice one	time what is the probability it will NOT	
			11
•			•
	8)	If you spun the spinner 1 time, what is the p	* 11
	,	of landing on either a gray piece or a white	piece?
	$\backslash$		
	9)	If you spun the spinner 1 time, what is the p	probability
		it would land on a white piece?	
	<b>/ 10</b> )	If you spun the spinner 1 time, what is the p	probability
		it would land on a gray piece?	
	11)	If you spun the spinner 1 time, what is the p	probability
	,	it would land on a black piece?	
	12)	How many pieces are there total in the spin	ner?
		Tow many preces are there total in the spin	
Math		/	-10 92 83 75 67 58 50 42 33 25 1
www.	.Commo	onCoreSheets.com 4 11	-12 8 0

			Basic Probability	Name:	Answer Key
Use	each diagram to solve th	e pro	blems.		Answers
$\frac{1}{2}$	$\bigstar \square \bigstar$	1)	Which shape has a 40.00% chance (8 out of	<sup>2</sup> 20) of	
~		,	being selected?		1 star
	$\bigstar \square \bigstar$		6		
		2)	If you were to select 1 shape at random from	•	2. <u>circle</u>
	$\frac{1}{\sqrt{2}}$		what shape do you have the greatest probab	ility of	
			selecting?		3. <b>20</b>
		3)	How many shapes are there total in the arra	<b>v</b> 9	
		0)	now many shapes are there total in the ana	y .	4. <b>5 out of 20</b>
					5. <b>1 out of 6</b>
		4)	If you were to select 1 shape at random from	n the array,	J
			what is the probability it will be a circle?		6. <b>3 out of 6</b>
					6. <b>3 OUT OF 6</b>
•				•	
5)	If you were to roll the dic	e one	time what is the probability it will land on		7. <b>5 out of 6</b>
	a 5?				
					8. 6 out of 9
~				V	
		e one	time, what is the probability of it landing		9. <b>3 out of 9</b>
	on an odd number?				
					10. <b>3 out of 9</b>
7)	If you were to roll the dic	e one	time what is the probability it will NOT		10. <b>3 OUT OF 9</b>
	land on a 1?		time what is the probability it will NOT		2 out of 0
					11. <u><b>3 out of 9</b></u>
				•	
•		8)	If you spun the spinner 1 time, what is the	probability	12. <b>9</b>
		0)	of landing on either a gray piece or a white		
			of functing on childrand gruy proce of a white	piece.	
$\bigwedge$		١			
		9)	If you spun the spinner 1 time, what is the	probability	
			it would land on a white piece?		
		/			
		4.0			
		10)	If you spun the spinner 1 time, what is the	probability	
			it would land on a gray piece?		
		11)	If you spun the spinner 1 time, what is the	probability	
		)	it would land on a black piece?	produomity	
		12)	How many pieces are there total in the spin	nner?	
			-		
			<b>A</b> 1	-10 92 83 7	<b>II</b> 75 67 58 50 42 33 25 17
	Math www.C	ommo	nCoreSheets.com 4	1-12 8 0	

			Basic Probability	Name:	
Use	each diagra	um to solve the pro	•		Answers
		—	the dice one time what is the p	robability it will NOT	1
	2)	If you were to roll on an even numbe	the dice one time, what is the pr?	probability of it landing	2
	3)	If you were to roll a 4?	the dice one time what is the p	robability it will land on	4.
<b>4</b> )	• 1	the spinner 1 time, on a gray piece?	what is the probability it	•	5.       6.
5)	• •	the spinner 1 time, on a white piece?	what is the probability it		7.        8.
6)	How many	pieces are there tota	ll in the spinner?		9 10
7)	of landing of	on either a gray piec	-		11
8)		the spinner 1 time, on a black piece?	what is the probability it		12
$\diamondsuit$		9) • •	Which shape has a 32.00% ch being selected?	ance (8 out of 25) of	
			If you were to select 1 shape a what is the probability it will		
	$\diamond$ $\diamond$	□ ♦ <sub>11</sub> )	How many shapes are there to	otal in the array?	
		12)	If you were to select 1 shape a what shape do you have the g selecting?	-	
	Math	www.Commo	nCoreSheets.com 5	1-10 92 83 7 11-12 8 0	<b>1</b> 75 67 58 50 42 33 25 17

			Basic Probability	Name:	Answer Key
Use	each diag	ram to solve the pro	•		Answers
		-	the dice one time what is the probability i	t will NOT	1. <u>5 out of 6</u>
	2	2) If you were to roll on an even numbe	the dice one time, what is the probability r?	of it landing	2. <u>3 out of 6</u>
	2	B) If you were to roll a 4?	the dice one time what is the probability i	t will land on	3.       1 out of 6         4.       1 out of 8
<b>●</b>	If you spi	in the spinner 1 time	what is the probability it		5. <u>3 out of 8</u>
-)		id on a gray piece?			6. <u>8</u>
5)	• •	In the spinner 1 time, and on a white piece?	what is the probability it		7. 4 out of 8 8. 4 out of 8
6)	How man	y pieces are there tota	al in the spinner?		9. <b>diamond</b>
7)	• •	in the spinner 1 time, g on either a gray piec	what is the probability e or a white piece?		10.       5 out of 25         11.       25
8)	• •	In the spinner 1 time, ad on a black piece?	what is the probability it		12. <b>circle</b>
$\diamondsuit$		9) • •	Which shape has a 32.00% chance (8 out being selected?	• of 25) of	
	$\diamond \square$	□ ● 10) □ ◇	If you were to select 1 shape at random from the what is the probability it will be a circle?	•	
	$\diamond$ $\diamond$	□ ♦ <sub>11)</sub>	How many shapes are there total in the ar	rray?	
		12)	If you were to select 1 shape at random from the what shape do you have the greatest probable selecting?	•	
	Math	www.Commo	onCoreSheets.com 5	1-10     92     83     7       11-12     8     0	5 67 58 50 42 33 25 17

		Dagia Drahahility	Name	
		Basic Probability	Name:	
Use each diagram t	$\sim$			<u>Answers</u>
$0 \lor \lor 0$	V I)	If you were to select 1 shape at rar	-	
		what is the probability it will be a	heart?	1
$\bullet$ $\lor$ $\bullet$ $\bullet$	•			
$\blacklozenge \heartsuit \blacklozenge \heartsuit$	♡ <sub>2</sub> )	If you were to select 1 shape at rar	dom from the array.	2.
	,	what shape do you have the greate		
		selecting?	1 ,	3.
$\bigcirc \bigcirc $		-		5
$\circ$ $\circ$ $\circ$	<b>3</b> )	How many shapes are there total in	n the array?	
				4
	4)	Which shape has a 36.00% chance	(0  out of  25)  of	5
	<b>-</b> )	being selected?	(9 Out 01 23) 01	
		being selected:		6.
5) How many piec	cas are there tot	al in the spinner?		7.
5) How many piec		ar in the spinner?		
				8.
6) If you spun the	spinner 1 time,	what is the probability it		
would land on a	a white piece?			9
7) If you among the		what is the probability it		10
7) If you spun the would land on a	-	what is the probability it		
would faild off	a gray piece?			11
8) If you spun the	spinner 1 time,	what is the probability		12.
		ece or a white piece?		
<b>0</b> ) <b>1</b> 0 <b>1</b>	• • •	a		
• •	-	what is the probability it		
would land on	a black piece?			
			•	
	-	Il the dice one time what is the prob	ability it will NOT	
	and on a 1?			
<b>11</b> ) If	you were to ro	ll the dice one time what is the prob	ability it will land on	
	3?	1	5	
	•	Il the dice one time, what is the prol	pability of it landing	
01	n an odd numbe	r?		
Math		onCoreSheets.com 6		5 67 58 50 42 33 25 17
11100011	www.Commo	onCoreSheets.com U	11-12 8 0	

		1				Basic Probability	Name:	Answer Key
Liso	Aach	digar	om te	o solve the	nro	-	1 (unite)	<u>т</u>
$\bigcirc$	$\bigcirc$	$\bigcirc$		$\sim$	-	If you were to select 1 shape at random from	the orrar	<u>Answers</u>
$\bigcirc$	$\sim$	$\checkmark$	$\bigcirc$	$\checkmark$	1)	what is the probability it will be a heart?	i the array,	0 4 6 3 5
$\diamondsuit$	$\bigcirc$	$\bigcirc$	$\blacklozenge$	$\blacklozenge$		what is the probability it will be a heart?		1. <u>8 out of 25</u>
	$\bigcirc$		$\bigcirc$	$\bigcirc$	2)			2. circle
	×	•	~	~	2)	If you were to select 1 shape at random from what shape do you have the greatest probability		2. <u>circle</u>
$\bigcirc$	$\bigcirc$		$\diamond$	$\blacklozenge$		selecting?	inty of	3. <b>25</b>
$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$			sereeting.		3
$\bigcirc$	$\sim$	$\bigcirc$	$\bigcirc$		3)	How many shapes are there total in the array	/?	diamand
								4. diamond
								_
					<b>1</b> )	Which share has a $26000$ shares (0 out of	(25) of	57
					4)	Which shape has a 36.00% chance (9 out of being selected?	25) 01	
						being selected?		6. <b>1 out of 7</b>
5)	How			aa ana thana	tot	al in the animan?	•	7. <b>3 out of 7</b>
3)	поw	many	piec	es ale mere	lota	al in the spinner?		
								8. <b>4 out of 7</b>
6)	If yo	u spui	n the	spinner 1 ti	me,	what is the probability it		3 out of 7
	•	-		white piece				9. <u>3 out of 7</u>
-								10. <b>5 out of 6</b>
7)						what is the probability it		
	woul	d lanc	l on a	gray piece	?			11. <b>1 out of 6</b>
8)	If vo	u spui	1 the	spinner 1 ti	me.	what is the probability		12. <b>3 out of 6</b>
	-	-		-		ce or a white piece?		
		U			•	1		
9)	•	-		-		what is the probability it		
	woul	d land	l on a	black piece	e?			
•		1					•	
		10		-	o rol	l the dice one time what is the probability it v	will NOT	
			laı	nd on a 1?				
		J						
		11	) If	VOU Were to	$ro^{1}$	I the dice one time what is the probability it	will land on	
			) II a 3	-	, 101	The diee one time what is the probability it		
			и.	~ •				
		12	) If	you were to	o rol	l the dice one time, what is the probability of	it landing	
			on	an odd nur	nbe	r?		
	7. /	[ _ 4]				1	-10 92 83 7	1 75 67 58 50 42 33 25 17
	IV	ath		www.Cor	nmo	h	-12 8 0	

					Basic Probability		Name:	
Use	each dia	agra	m to solve the	e prol	· · · · ·			Answers
		-		-	the dice one time what is the	probability it w	ill land on	1
		2)	If you were t land on a 1?	o roll	the dice one time what is the	probability it w	ill NOT	2
		3)	If you were t on an odd nu		the dice one time, what is the ?	e probability of i	t landing	4
<b>4</b> )	•	-	-		what is the probability ce or a white piece?			5 6
5)			the spinner 1 t on a black pie		what is the probability it			7.
6)			the spinner 1 t on a gray piec		what is the probability it			9
7)	How ma	any j	pieces are ther	e tota	l in the spinner?			10.       11.
8)			the spinner 1 t on a white pie		what is the probability it			12
•							•	
	$\bigcirc$		$\bigcirc \blacklozenge$	9)	How many shapes are there	total in the array	/?	
$\diamondsuit$	$\bigcirc$ $\checkmark$	ζ.	$\overleftrightarrow$					
$\diamond$	<i>☆</i> 7	\z (	$)$ $\cap$	10)	If you were to select 1 shape	at random from	the array	
	07			10)	what is the probability it wil			
				11)	If you were to select 1 shape what shape do you have the selecting?		-	
				12)	Which shape has a 45.00% obeing selected?	chance (9 out of	20) of	
	Mat	th	www.Co	ommo	nCoreSheets.com		10 92 83 7 -12 8 0	5 67 58 50 42 33 25 17

				Basic Probability	Name:	Answer Key
Use	each dia	gra	m to solve the pro			Answers
		0	-	the dice one time what is the probability it w	will land on	1. <u><b>1</b> out of 6</u>
		2)	If you were to roll land on a 1?	the dice one time what is the probability it w	will NOT	2. 5 out of 6
		3)	If you were to roll on an odd number	the dice one time, what is the probability of	it landing	3. 3 out of 6 4. 6 out of 9
<b>▲</b> )	If you a		the spinner 1 time	what is the probability	•	5. <b>3 out of 9</b>
	•		-	ce or a white piece?		6. <u>3 out of 9</u>
5)	• •		the spinner 1 time, on a black piece?	what is the probability it		7. <u>9</u> 8. <u>3 out of 9</u>
6)	If you sj would la			9. <b>20</b>		
7)	How ma	any j	pieces are there tota	al in the spinner?		10. <u><b>4 out of 20</b></u>
						11. <u>diamond</u>
8)	• •		the spinner 1 time, on a white piece?	what is the probability it		12. <u>star</u>
<u> </u>	$\frown$			Hereiter der eine der	•9	
		)( 了 「	) ◆ 9) ☆ ☆	How many shapes are there total in the arra	ay ?	
$\blacklozenge$	\$ 7	3 (	) (10)	If you were to select 1 shape at random fro	•	
$\overleftrightarrow$	$\bigcirc$	了(		what is the probability it will be a diamond	1 {	
			11)	If you were to select 1 shape at random fro what shape do you have the greatest probal selecting?	•	
			12)	Which shape has a 45.00% chance (9 out o being selected?	of 20) of	
	Mat	h	www.Commo		1-10 92 83 7 1-12 8 0	75         67         58         50         42         33         25         17

			Basic Probability	Name:		
			•	r dunie.	•	
Use		m to solve the pro			<u>Answers</u>	
$\frown$	☆ ◆ L	1)	If you were to select 1 shape a			
_^_	$\therefore$	A_	what is the probability it will b	e a diamond?	1.	
$\mathcal{M}$		<sup>2</sup>				
$\frac{1}{2}$			If you want to calcat 1 shows a	t non done from the owner		
		× 2)	If you were to select 1 shape a what shape do you have the gr	-	2	
		$\overset{\wedge}{\bowtie}$	selecting?	eatest probability of		
٨			selecting:		3	
$\nabla$	♦ ☆ [	<b>_</b> 3)	How many shapes are there to	tal in the array?		
		,		···· ··· ··· ··· ··· ··· ··· ··· ··· ·	4.	
					5.	
		4)	Which shape has a 30.00% cha	ance (6 out of 20) of	5	
			being selected?			
					6	
•—				•		
5)	If you spun t	he spinner 1 time,	what is the probability it		7	
	• •	on a black piece?				
					8.	
6)		_	what is the probability it		9.	
	would land o	on a gray piece?			<i>.</i>	
7)	<b>TC</b>	1			10	
7)		_	what is the probability			
	of landing on either a white piece or a gray piece?					
8)	How many p	bieces are there tot	al in the spinner?		12.	
	<i>v</i> 1					
9)		_	what is the probability it			
	would land o	on a white piece?				
•				•		
	10)	If you were to ro	ll the dice one time, what is the	probability of it landing		
		on an even numb	er?			
L	Y					
	11)	•	ll the dice one time what is the	probability it will NOT		
		land on a 1?				
	12)	If you were to ro	ll the dice one time what is the	robability it will land on		
	14)	a 5?		nooaonny n will falla Oll		
		u J .				
	Math		onCoreSheets.com 8	1-10 92 83 7 11-12 8 0	5 67 58 50 42 33 25 17	
		www.Commi		11 12 0 0		

			Basic Probability	Name:	Answer Key
Use	each diagrai	m to solve the pro			
			If you were to select 1 shape at random from	n the orrest	<u>Answers</u>
$\checkmark$			what is the probability it will be a diamond?	•	1. <b>5 out of 20</b>
$\frac{1}{\sqrt{2}}$			If you were to select 1 shape at random from	n the error	2. diamond
		▼ 2) ∧	If you were to select 1 shape at random from what shape do you have the greatest probab	•	
			selecting?	0	3
		3)	How many shapes are there total in the array	y ?	4. <b>square</b>
		1)	Which shape has a 20 000/ shapes (6 out of	(20) of	5. <b>2 out of 7</b>
		4)	Which shape has a 30.00% chance (6 out of being selected?	20) 01	6. <b>4 out of 7</b>
•				•	
5)	• •	the spinner 1 time, on a black piece?	what is the probability it		7. <b>5 out of 7</b>
		I	$\bigwedge$		87
6)	• •	the spinner 1 time, on a gray piece?	what is the probability it		9. 1 out of 7
					10. <b>3 out of 6</b>
7)		-	what is the probability ece or a gray piece?		11. <b>5 out of 6</b>
8)	How many p	pieces are there tot	al in the spinner?		12. <b>1 out of 6</b>
9)	• •	the spinner 1 time, on a white piece?	what is the probability it		
_					
	10)	If you were to rol on an even numb	Il the dice one time, what is the probability of er?	f it landing	
	11)	If you were to roll land on a 1?	Il the dice one time what is the probability it	will NOT	
	12)	If you were to road a 5?	Il the dice one time what is the probability it	will land on	
	Math	www.Commo	×	-10 92 83 7 1-12 8 0	75     67     58     50     42     33     25     17

			Basic Probability		Name:	
	ooch diagray	m to solve the pre				<b>A m a m a</b>
Use		m to solve the pro 1)	How many pieces are there	e total in the spinner	r?	<u>Answers</u> 1
		2)	If you spun the spinner 1 the would land on a white piece	-		2
		3)	If you spun the spinner 1 to would land on a gray piece			4.
		4)	If you spun the spinner 1 the would land on a black piece	-	bability it	6
		5)	If you spun the spinner 1 the of landing on either a black			7
						8
6)	Which shape being selecte		nce (6 out of 16) of		•	9
7)	<ul> <li>7) If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> </ul>					
8)	•	-	random from the array, eatest probability of			12
9)	How many s	shapes are there tot	al in the array?			
•						
	10)	If you were to roll land on a 1?	l the dice one time what is	he probability it wi	ll NOT	
	11)	If you were to rol on an odd numbe	ll the dice one time, what is r?	the probability of it	t landing	
	12)	If you were to rol a 4?	I the dice one time what is	he probability it wi	ll land on	
	Math	www.Commo	onCoreSheets.com	9 <sup>1-10</sup> 11-1	0 92 83 75 2 8 0	67 58 50 42 33 25 17

	Basic Probability	Name: Answer Key			
Use each diagram to solve the	•	Answers			
	<ol> <li>How many pieces are there total in the spinner</li> </ol>				
	2) If you spun the spinner 1 time, what is the prob would land on a white piece?				
	3) If you spun the spinner 1 time, what is the prob would land on a gray piece?	3.     3 out of 9       4.     5 out of 9			
	<ul><li>4) If you spun the spinner 1 time, what is the prob</li><li>would land on a black piece?</li></ul>	pability it 5. 8 out of 9			
	5) If you spun the spinner 1 time, what is the prob				
•	of landing on either a black piece or a gray piec	8. <u>circle</u>			
6) Which shape has a 37.50% being selected?	b chance (6 out of 16) of $\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$	9. <u>16</u> 10. <b>5 out of 6</b>			
-	<ul> <li>7) If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array, </li> <li>If you were to select 1 shape at random from the array</li></ul>				
8) If you were to select 1 sha what shape do you have th selecting?	pe at random from the array, ne greatest probability of	12. <u><b>1 out of 6</b></u>			
9) How many shapes are the	re total in the array?				
<b>10)</b> If you were land on a 1?	to roll the dice one time what is the probability it will	I NOT			
<b>11</b> ) If you were on an odd nu	to roll the dice one time, what is the probability of it umber?	landing			
<b>12)</b> If you were a 4?	to roll the dice one time what is the probability it will	l land on			
Math www.Co	ommonCoreSheets.com 9 1-10 11-12				

	Basic Probability	Name:					
Use each diagram to solve the pro	•						
	How many shapes are there total in the array	r? <u>Answers</u>					
$\star \star \odot \star$		1					
	If you were to select 1 shape at random from	the array. 2.					
	what is the probability it will be a diamond?	· · · · · · · · · · · · · · · · · · ·					
$\begin{array}{c} \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \\ \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \\ \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc $		3					
3)	Which shape has a 45.00% chance (9 out of being selected?	20) of 4					
4)	If you were to select 1 shape at random from what shape do you have the greatest probabil selecting?						
<ul><li>5) If you spun the spinner 1 time, would land on a black piece?</li></ul>	what is the probability it	7.					
6) How many pieces are there tot							
7) If you spun the spinner 1 time, would land on a gray piece?	what is the probability it						
<ul><li>8) If you spun the spinner 1 time, would land on a white piece?</li></ul>	what is the probability it	12					
9) If you spun the spinner 1 time, of landing on either a gray piece							
<b>10)</b> If you were to ro a 5?	ll the dice one time what is the probability it v	vill land on					
<b>11</b> ) If you were to ro land on a 1?	ll the dice one time what is the probability it v	vill NOT					
<b>12)</b> If you were to ro on an odd number	ll the dice one time, what is the probability of er?	it landing					
Math www.Comm		-10 92 83 75 67 58 50 42 33 25 17 -12 8 0					

					Basic Probability	Name:	Answer Key
Use	each	diaor	.an	to solve the pro	•	1 (01110)	
$\bigcirc$				_	How many shapes are there total in the array?	)	Answers
$\sim$	$\bigcirc$			-)	now many snapes are there total in the array		20
$\bigstar$	$\bigstar$	$\bigcirc$	$\frac{1}{2}$	7			1
	$\frown$	~					
$\bigcirc$	$\bigcirc$	$\bigtriangledown$	7	<b>(</b> 2)	If you were to select 1 shape at random from	the array,	2. <b>4 out of 20</b>
$\bigcirc$	$\bigcirc$	$\bigcirc$	$\prec$	-	what is the probability it will be a diamond?		
$\bigcirc$	$\bigcirc$	$\bigcirc$					3. circle
$\diamond$	$\bigcirc$	$\diamond$	$\left( \right)$		Which share has a $45000\%$ share $(0)$ and $500\%$	(0) = f	
	-		-	3)	Which shape has a 45.00% chance (9 out of 2 hains salasted?	0) of	4. diamond
					being selected?		
							5. <b>3 out of 8</b>
				4)	If you were to select 1 shape at random from	the array.	5. <u>3 out of 8</u>
				,	what shape do you have the greatest probabil	•	0
					selecting?	5	68
•					-	•	
5)	If vo	u snu	n tł	e spinner 1 time	what is the probability it		7. <b>3 out of 8</b>
2)	•	-		n a black piece?	what is the probability it		
	wou	a full	<b>u</b> 01	i u bluck piece.			8. <b>2 out of 8</b>
							0
6)	How	man	y pi	eces are there tot	al in the spinner?		9. <b>5 out of 8</b>
		-	-				9. <b>5 OUT OF 8</b>
						$\setminus$ /	10. <b>1 out of 6</b>
7)	If you spun the spinner 1 time, what is the probability it						
	would land on a gray piece?				11. <b>5 out of 6</b>		
8)	If vo	11 6 10 11	n tk	a spinner 1 time	what is the probability it		12. <b>3 out of 6</b>
0)	•	-		n a white piece?	what is the probability it		
	wou	u ian	u Ui	i a white piece:			
9)	If vo	u spu	n tł	ne spinner 1 time,	what is the probability		
<i>,</i>					ce or a white piece?		
		U			•		
	==[	] 1(	))	If you were to ro	ll the dice one time what is the probability it w	ill land on	
				a 5?	in the tree one time what is the probability it w		
				u 5.			
		•					
		11	l)	If you were to ro	ll the dice one time what is the probability it w	ill NOT	
				land on a 1?			
		12		•	Il the dice one time, what is the probability of i	t landing	
				on an odd numbe	r?		

 1-10
 92
 83
 75
 67
 58
 50
 42
 33
 25
 17

 11-12
 8
 0