Practice Quiz Directions: Show all of your work as you answer the questions in	Name: Key
he space provided below. Write your answers in the right	Date:

Use the table to write each ratio.

Type of Ball	Number of Balls 12		
Tennis Balls			
Basketballs	8		
Footballs	9		
Soccer Balls	16		

1. Basketballs to Soccer balls	1.8:16 = 1
2. Tennis balls to Footballs	2. $\frac{12}{9} = \frac{4}{3}$
3. Footballs to total balls	3. $\frac{q}{45} = \frac{1}{5}$
Write three equivalent ratios for starts to moons.	4. 4:6 2:3 8:12
5. Which is the better deal – an 8 oz package of pretzels for \$1.92 or a 12 oz package for \$2.64?	5.
$\frac{\$1.92}{802} = \frac{\$24}{102} = \frac{\$2.64}{1202} = \frac{\$.22}{102}$	12 oz is the befter
802 TOZ 1202 10Z	the before
	deal.
6. Barry earns \$36.00 for 6 hours of yard work. Henry earns \$24.00 for 3 hours of yard work. Who has the better hourly rate of pay?	. 6.
$\frac{$36}{6hr} = \frac{$6}{1hr} \cdot \frac{$24}{3hr} = \frac{$8}{1hr}$	Henry makes more.

	and the second of				ا ا	
7.					7.	
Number in Grou	p 2	4 8	10		2	9
Cost (\$)	10.50	21 42 5	52.50		$\frac{2}{10.50} = \frac{1}{5.25} = \frac{1}{47.2}$	4725
f					10,30	-1 1, 2-
he table above shows				ent-sized	\$470	
roups. Predict how mo 8. Find three equiva			ay.		1 102	<u> </u>
O. Tilla tillee equiva	ieil ialios	101 15.7.			8. 15 - 30 7 14	60
					号=篇	78
						J-0
9. Brittney does sit-		_			9.	
long it takes her t				•	N 10 - 120	
long do you predi	ct it will tak	ke Brittney	to do 1	20 sit-	$\frac{10-120}{2}$	
ups?			<u> </u>		24	
Number of Sit-Ups	10 3	0 50	200	220	24 min	
Time (min)	2 6	10	40	44	24 min	v
10. Use 15:100 to fin	d two one	volent reti			40	
			US.		10. 2° 20	
16	$\frac{5}{0} = \frac{3}{24}$	- = 6			3:20	
lo	0 20	9 40				
-						
11. Tell whether the				plain	11.	
your answer using		tical reasor	ning.		Yes	No
$\frac{3}{8}$	<u>6</u>	3-10=	30	•		
8	10	3·10 = 8·48 =	- 45		·	
		•				
		30 #	48			
12. Find the missing	value in the	 	1 2		12.	
$\frac{3}{n}$	<u>15</u>					
n	25				n=5	
15n	= 75					
The second secon		<u></u>				
15	15					
				•	1 .	



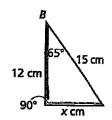
$$\frac{n}{4} > \frac{18}{6}$$

$$\frac{6}{6} = \frac{12}{6}$$

14.

$$\frac{.5x = 3.75}{.5}$$





$$MLA = 65^{\circ}$$

