## Why Did the Writer Enjoy Living in a Basement?

Do each exercise and find your answer to the right. Write the letter of the answer in the box containing the number of the exercise. If the answer has a , shade in the box instead of writing a letter in it.

Ι.	Write each ratio as a fraction in simplest form.								Answers:						
(1)	7 to 12	2	) 9:4	-						(	Ĥ) -	<u>8</u> 5	Ċ	$\overline{D}\frac{4}{5}$	
3	8 to 10	4	) 20	to 12							$\sim$	4			
5	25:50	6	) 6 c	ut of f	5					(	A) =	~		$\frac{4}{3}$	
$\overline{7}$	80 to 60	8	) 35	out of	100							<u>6</u> 5	(	$D \frac{3}{10}$	5
9	78 out of 780	(10	) 90	30			i.			(	A) -	$\frac{7}{12}$	(:	$S)\frac{1}{2}$	
(11)	The ratio of wins to tosses for a team with-60 wins and 90 losses.									(	$\bigcirc 12 \qquad \bigcirc 2$				
(12)	The ratio of girls to boys in a 7th grade class with 300 girls and 250 boys.								(	$ (A) \frac{7}{6}  (E) \frac{9}{4} $					
(13)													$\frac{1}{2}$		
(14)	The ratio of blue to red for a purple paint made by mixing 24 oz of red with 28 oz of blue.											$\mathbb{E}\frac{2}{3}$ (F			
****	****	*****	****	****	****	****	***4	***4	****	****	****	****	****	****	****
•••• 11.	Write the ratio of unit indicated (a u			surem	ents ir	•••• the	***4	***4	••••	***1		••••	••••	****	****
•••• II. (15)		<i>unit</i> rate 0 miles	e).				••••	••••	****	++++ 	Answ	/ers:		****	****
	unit indicated (a A car traveled 30	<i>unit</i> rate 0 miles 120 woi	e). on 18	5 gallo	ns of (		••••	••••	••••			vers: 18	(	B) 5	<b>6</b> 0
(15)	unit indicated (a A car traveled 30 (miles per gallon) Ima Smurf typed	<i>unit</i> rate 0 miles 120 woi e)	). on 1 rds in	5 gallo 3 mir	ns of ( iutes.	gas.	••••	••••	••••		M 4		(	B) 5 L) 2	
<ol> <li>(15)</li> <li>(16)</li> <li>(16)</li> </ol>	unit indicated (a unit indicated (a unit indicated 30) (miles per gallon) Ima Smurf typed (words per minuted) Dr. Cranium trave	<i>unit</i> rate 0 miles 120 wol e) eled 2,80	e). on 19 rds in 00 mi	5 gallo 3 mir les in	ns of ( iutes. 5 hour	gas.	••••	••••	••••		M) 4 C) :	48			2
<ol> <li>(15)</li> <li>(16)</li> <li>(17)</li> <li>(17)</li> </ol>	unit indicated (a u A car traveled 30 (miles per gallon) Ima Smurf typed (words per minute Dr. Cranium trave (miles per hour) A gear revolved 9	<i>unit</i> rate 0 miles 120 wor e) eled 2,80 960 time ninute)	e). on 18 rds in 00 mi	5 gallo 3 mir les in 80 mir	ns of ( nutes. 5 hour nutes.	gas.	••••	••••	••••		M 4 C 3 T 4	48 32		_ 2 _ 2	2
<ol> <li>(15)</li> <li>(16)</li> <li>(17)</li> <li>(18)</li> <li>(18)</li> </ol>	unit indicated (a u A car traveled 30 (miles per gallon) Ima Smurf typed (words per minute Dr. Cranium trave (miles per hour) A gear revolved 9 (revolutions per m Gloria Trench ear	<i>unit</i> rate 0 miles 120 wol e) eled 2,80 060 time ninute) med \$14 ran 5,28	e). on 19 rds in 00 mi es in 3 44 in 30 fee	5 gallo 3 mir les in 80 mir 8 hou et in 4	ns of ( outes. 5 hour outes. rs.	gas. rs:	••••	••••	••••	() () ()		48 32 15		_ 2 _ 2	2 0 20
<ol> <li>(15)</li> <li>(16)</li> <li>(17)</li> <li>(18)</li> <li>(19)</li> <li>(19)</li> </ol>	unit indicated (a u A car traveled 30 (miles per gallon) Ima Smurf typed (words per minute Dr. Cranium trave (miles per hour) A gear revolved 9 (revolutionsper n Gloria Trench ear (dollars per hour) Roger Bannister n	unit rate 0 miles 120 wol e) eled 2,80 060 time ninute) rned \$14 ran 5,28 (HII	e). on 19 rds in 00 mi es in 3 44 in 30 fee	5 gallo 3 mir les in 80 mir 8 hou et in 4	ns of ( nutes. 5 hour nutes. rs. 	gas. rs:	19	8	12	() () ()		48 32 15 40	10	) 2 2 N 5	2 0 20