NAME ____

SCORE

PERIOD

Test, Form 1A

Write the letter for the correct answer in the blank at the right of each question.

Translate each sentence into an equation.

1. The sum of five times a number and -6 is -2. **A.** -6n + 5 = -2 **B.** $\frac{n}{5} - 6 = -2$ **C.** 5n - (-6) = -2 **D.** 5n + (-6) = -2**1.** \square

2. Three less than one-half a number is -71.

F. $-\frac{1}{2}n + 2 = -71$ **H.** $\frac{1}{2}n - 3 = -71$ **G.** $2n - \frac{1}{2} = -71$ **I.** $3 - \frac{1}{2}n = -71$ **2.** $-\frac{1}{2}$

Solve each equation.

3. $10 + \frac{1}{3}y = 1$	1				
A. -30	B. −27	C. 27	D. 30	3	В
4. $-0.4w = 4.5$	2				•
F. 105	G. –10.5	H. -105	I. 10.5	4	G
5. $\frac{x}{2} - 5 = -3$ A. 4	B. 1	C. -4	D. –16	5	Α
6. $-5 - 3w =$ F. 4	7w G. 2	H. -0.5	I. -2	6	н
7. $\frac{4}{7}w = 16$	R 14	C 28	D 119	7	С
A. 4	D. 14	U. 20	D , 112	<i>••</i>	
8. Marianna v	vants to buv a ne	w tennis racket	t that costs \$57.50.		

She has \$8 and plans to save \$4.50 each week. How many weeks will it take her to save the money?

F. 24 weeks	H. 11 weeks	
G. 15 weeks	I. 10 weeks	8. <u>H</u>

NAME			_ DATE	PERIOD
Test, Form 1A (continued)			SCORE	
9. In a contest, question is w question is w	each finalist r orth twice as orth \$1,600. F	nust answer 5 que much as the quest Iow much is the fi	estions correctly. Each tion before it. The fifth rst question worth?	
A. \$800		C. \$200		
B. \$400		D. \$100		9 D
Solve each equa	ation.			
10. $4x - 2 = 22$	-8x			
F. −6	G. −2	H. 2	I. 6	10. <u> </u>
11. $5n - 12 = -$	3n + 4			
A. 2	C. all real numbers			
B. 1		D. -2		11. A
12. $49 - 3m = 4i$	m + 14			
F. all real nu	imbers	H. 3		
G. 5		I. 1		12. G
13. $-2y - 3y + 8$	8 = 8 - 5y - 2	12		
A. −11	B. 2	C. null set	D. 11	13C
14. $-3(p+2) =$	-30			
F. $-\frac{32}{3}$	G. 8	H. null set	I. $\frac{-32}{3}$	14 G
15. $0.4(2-q) =$	0.2(q + 7)			
A. −3		C. 3		
B. −1		D. all real nu	umbers	15B
16. The Hazell fa his older brot Isabelle and	amily has 4 ch ther Michael. Keira are twir	ildren. Murphy is Keira is 2 years yo ns. If Michael is 8,	1 year younger than ounger than Murphy. how old is Isabelle?	
F. 8		H. 5		
G. 7		I. 4		16. <u> </u>
17. Sarah and Br spent \$15.50 spend?	ryan went sho less than wha	opping and spent a at Sarah spent. Ho	total of \$47.50. Bryan w much did Bryan	
A. \$31.50		C. \$16		
B. \$31		D. \$15.50		17. C