QUOTABLE PUZZLES **Relations and Functions**
A.7e

Directions: Solve the following problems. Match that answer to the correct letter of the alphabet. Enter that letter of the alphabet on the blank corresponding to the problem number.

___	___	___	___	___	___	___	___	___		___	___	___	___		___	___	___
15	**12**	**4**	**2**	**9**	**8**	**14**	**4**	**10**		**3**	**1**	**10**	**10**		**9**	**11**	**7**

___	___	___	___	___	___	___	___		___	___	___	___		___	___	___	___
10	**9**	**6**	**1**	**8**	**5**	**11**	**9**		**13**	**8**	**4**	**7**		**9**	**7**	**10**	**9**

A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**
9	**0**	**-1**	**-16**	**18**	**16**	**-2**	**-4**	**3**	**2**	**-9**	**1**	**-3**

N	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**
-7	**4**	**5**	**7**	**8**	**23**	**-5**	**-8**	**15**	**-23**	**11**	**42**	**-18**

Simplify:

1. $f(x) = 2x - 1$ Find $f(5)$.
2. $f(x) = x^2 - 3x - 1$ Find $f(3)$.
3. $f(x) = 2x + 5$ Find $f(0)$.
4. $f(x) = -2x^2 - 5$ Find $f(-1)$.
5. $f(x) = x + 5$ Find $f(-7)$.
6. $f(x) = 6x^2 + 2x$ Find $f(1)$.
7. $f(x) = \frac{1}{4}x + 2x$ Find $f(8)$.
8. $f(x) = 4x - 5$ Find $f(2)$.
9. $f(x) = x^3 - 2x - 1$ Find $f(-2)$.
10. $f(x) = x^4 + 2x^2 - 1$ Find $f(2)$.
11. $f(x) = -4x - 8$ Find $f(-1)$.
12. $f(x) = 2x - 10$ Find $f(1)$.
13. $f(x) = x^3 - 2x^2 + x + 5$ Find $f(-1)$.
14. $f(x) = x^2 - 21$ Find $f(5)$.
15. $f(x) = (x - 2)^2$ Find $f(-2)$.