## **Unit 0 Prerequisites from Prior Courses (Review)** Day 8 Worksheets

Name		
Date:	Hour:	

1.1

## Part 1:

*Directions:* Match the algebraic expressions with their mathematical counterparts to find the answer to the question below. When you find a match, write the appropriate letter (or number) in the blank beside each problem. Use your answers to decode the message.

What is the startling math	) fact about the letter "A"?	
$\frac{15}{15} \overline{11} \overline{5} \overline{2} \overline{5}$	<u>6</u> <u>1</u> <u>4</u> <u>14</u>	
$\overline{13} \ \overline{5} \ \overline{15} \ \overline{15} \ \overline{5} \ \overline{2} $	$\frac{9}{6}$ $\frac{1}{6}$ $\frac{1}{9}$ $\frac{1}{4}$ $\frac{1}{3}$	
4 7 10 19 5 2 8 2 14 10	$\overline{16}  \overline{15}  \overline{14}  \overline{12}  \overline{16}  \overline{16}$	
1. 6 more than a number	Answer Bank	
2. 8 decreased by twice a number	A 3/x P x-5	
3. the difference of 7 and a number	<b>B</b> 10 + x <b>R</b> 8 - 2x	
4. 1 less than 6 times a number	D 9-x	
5. twice a number diminished by 4	<b>E</b> $2x-4$ <b>S</b> $6+x$	
	<b>F</b> $4x-2$ <b>T</b> $3/(x-5)$	
6. 8 less than twice a number	U 2(x+4) H 4/x-3	
7. the product of 2 and a number increased by 4	V 1-6x	
8. 2 less than four times a number	I 2x-8 W 5-x	
9. the quotient of 3 and a number	L 3+3x Y 7-x	
10. 3 less than the product of 4 and a number	M 4x - 3 Number Answers	
11. 3 less than the quotient of 4 and a number	N $6x - 1$ 1 $4/(x - 3)$	
12. 4 divided by the difference of a number and 3	0 3/x-5 0 x-9	
13. 3 more than triple a number	17. 9 minus a number	
14. the quotient of 3 and a number, decreased by 5	18. 5 decreased by a number	
15. the quotient of 3, and a number decreased by 5	19. 10 plus a number	
16. 9 less than a number	20. 1 minus 6 times a number	
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