

Part I

## Variables and Algebraic Expressions

Complete each table by evaluating the expressions.

1.

$m$	$m + 8$
6	
9	
12	
22	
64	

2.

$y$	$y - 6$
9	
15	
24	
32	
47	

3.

$b$	$3 \times b$
5	
10	
13	
21	
35	

4.

$s$	$\frac{s}{2}$
6	
18	
24	
34	
48	

5.

$n$	$n + 12$
4	
10	
12	
31	
57	

6.

$c$	$10 \times c$
8	
15	
27	
59	
82	

Part II

II. Write an algebraic expression

Example: "triple a number from 34" -----  $34 - 3n$


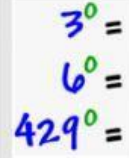
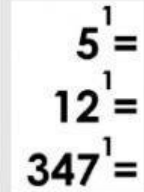
- $t$  divided by 40 \_\_\_\_\_
- 11 increased by  $n$  \_\_\_\_\_
- 40 divided by  $t$  \_\_\_\_\_
- $n$  decreased by 11 \_\_\_\_\_
- 11 plus  $n$  \_\_\_\_\_
- $t$  minus 40 \_\_\_\_\_
- the sum of 11 and  $n$  \_\_\_\_\_
- 40 decreased by  $t$  \_\_\_\_\_
- 3 less than  $x$  \_\_\_\_\_
- 11 plus a number,  $n$  \_\_\_\_\_
- the product of 3 and  $x$  \_\_\_\_\_
- $n$  more than 11 \_\_\_\_\_

- $n$  added to 11 \_\_\_\_\_
- 40 subtracted from  $t$  \_\_\_\_\_
- $x$  multiplied by 3 \_\_\_\_\_
- $t$  subtracted from 40 \_\_\_\_\_
- the sum of 3 and  $x$  \_\_\_\_\_
- 11 less than  $n$  \_\_\_\_\_

- 20 plus a number  $p$
- 6 more than a number  $d$
- a number  $p$  minus 6
- 20 minus  $p$
- 6 less than a number  $p$
- $p$  less than a number  $p$
- 38 subtracted from  $m$

### Part III

You have to know this!!!!!!!

<p>1. Any number divided by zero</p>  <p>Friends don't let friends divide by zero.</p>	<p>2. Any number to the power of zero</p> 	<p>3. Any number to the first power</p> 
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