

# Expressions

Parts of an Expression:

$$3x + 8$$

Input each value and evaluate. Follow order of operations.

1)  $x + 6$  for  $x = 5$

2)  $x - 11$  for  $x = 15$

3)  $5g$  for  $g = 12$

4)  $2t - 4$  for  $t = 7$

5)  $\frac{x}{6}$  for  $x = 72$

6)  $\frac{m}{2} + 7$  for  $m = 18$

7)  $9n$  for  $n = 23$

8)  $3p + 1.5$  for  $p = 1.4$

Complete each table.

$a$	$a + 5$
12	
14	
16	
18	

$b$	$b - 3$
3	
9	
15	
21	

$d$	$5d$
4	
6	
8	
10	

$p$	$\frac{p}{6}$
12	
24	
48	
96	

$m$	$2m + 5$
5	
6	
7	
8	

$t$	$\frac{t}{2} - 6$
12	
14	
16	
18	

$n$	$\frac{n}{3}$
8	
9	
10	
11	

$g$	$g + 3.2$
5	
6	
7	
8	

$k$	$2.4k$
2	
4	
6	
8	

**Translate each verbal phrase.**

5 more than 8 \_\_\_\_\_

5 more than a number \_\_\_\_\_

The sum of 9 and 3 \_\_\_\_\_

The sum of 9 and a number \_\_\_\_\_

The difference of 8 and 2 \_\_\_\_\_

The difference of 8 and a number \_\_\_\_\_

3 less than 12 \_\_\_\_\_

3 less than a number \_\_\_\_\_

The product of 4 and 7 \_\_\_\_\_

The product of 4 and a number \_\_\_\_\_

Twice as many as 4 \_\_\_\_\_

Twice as many as a number \_\_\_\_\_

The quotient of 8 and 2 \_\_\_\_\_

The quotient of 8 and a number \_\_\_\_\_

Half as many as 16 \_\_\_\_\_

Half as many as a number \_\_\_\_\_