



## Answers to Translation Handout

1.  $x + 10$

2.  $-8x$

3.  $x - 5$

4.  $\frac{4}{x}$

5.  $16 - x$

6.  $B - 2B$

7.  $\frac{8}{x-6}$

8.  $x^2 - 20$

9.  $5 - x$

10.  $11x - 5$

11.  $4(x + 5)$

12.  $\frac{x}{5}$

13.  $2(x - 4)$

14.  $x - 8$

15.  $\frac{1}{2}x + 4$

16.  $x =$  number of ducks

$3x + 4 =$  number of rabbits

total = ducks + rabbits

$x + 3x + 4$

$4x + 4$

17.  $x =$  number of nickels

$4x =$  number of dimes

total = number of nickels + number of dimes

$x + 4x$

$5x$