

# Algebra: Greater Than, Less Than or Equal To

Determine the relationship between the algebraic equations.

Place  $>$  (greater than),  $<$  (less than) or  $=$  (equal to) in the space provided.

## Where $x = 3$

1.)  $5x + 4$  \_\_\_\_\_  $3x + 15$

2.)  $2x + x$  \_\_\_\_\_  $6x - 5$

3.)  $x + 23$  \_\_\_\_\_  $5x - 4$

4.)  $6x - 2$  \_\_\_\_\_  $4x + 4$

5.)  $7x - 2$  \_\_\_\_\_  $4x + 4$

6.)  $3x + 5$  \_\_\_\_\_  $6x - 4$

## Where $x = 7$

1.)  $3x - x$  \_\_\_\_\_  $4x - 14$

2.)  $2x + 10$  \_\_\_\_\_  $5x - 5$

3.)  $2x + 12$  \_\_\_\_\_  $3x - 4$

4.)  $6x - 18$  \_\_\_\_\_  $4x - 4$

5.)  $x + x + 7$  \_\_\_\_\_  $5x$

6.)  $8x$  \_\_\_\_\_  $3x + 2x + 15$