

Solve. The replacement set is : $\{ 0, 2, 3, 5 \}$

1. $x \neq x + 2$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

2. $x + 3 < 15$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

3. $2x^2 + 1 > 19$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

4.. $x + 3 \geq x + 4$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

5. $(2x)^2 + 3 > 20$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

6. $100 - x^2 \neq 96$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

7. $25 < 2x + 3x$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

8. $5x + 1 \leq 1 + 5x$

Solution Set:

$x = 0$	$x = 2$	$x = 3$	$x = 5$

