

Odd One Out?

In each row, explain which equation is the odd one out.

$(x + 5)^2 + 10 = 0$	$x^2 + 10x + 35 = 0$	$x^2 + 10x + 25 = 10$	$(x + 5)^2 - 25 + 35 = 0$
$5x^2 + 10x = 10$	$(x^2 + 2x) = 2$	$(x + 1)^2 = 2$	$(x + 1)^2 - 2 = 2$
$2x^2 + 12x - 20 = 0$	$2(x^2 + 6x) = 20$	$(x + 3)^2 = 19$	$x = 3 \pm \sqrt{19}$
$6x^2 + 36x = 18$	$x^2 + 6x = 3$	$(x + 3)^2 + 9 = 3$	$(x + 3)^2 = 12$

* Challenge *

How many equations can you write that are equivalent to : $(x + 3)^2 = 30$

Can you write some equations that are equivalent to $x^2 + 20x = 26$?