

$$c) |2x-6| = |-x| + 3x-2$$

a) kohdassa $x=0$ $=0$ kun

Merkkikaavio

$2x-6$	0		3	$\rightarrow x$
-	-		+	$\rightarrow x$
$-x$	+		-	$\rightarrow x$

$$-2x+6 = -x+3x-2 \quad ; \quad -2x+6 = x+3x-2 \quad ; \quad 2x-6 = x+3x-2$$

$$-4x = -8$$

$$(\cancel{x=2}) > 0$$

$$-6x = -8$$

$$x = \frac{8}{6} = \frac{4}{3}$$

$$-2x = 4$$

$$(\cancel{x=-2}) < 3$$

laskimella:

solve(|2x-6|=|-x|+3x-2

$$\left\{ x = \frac{4}{3} \right\}$$