$$3x = 1$$
 $x = -1$ 
 $x = \frac{1}{3}$ 

$$\frac{3}{|x-1|} = x-1, \quad x \neq 2$$

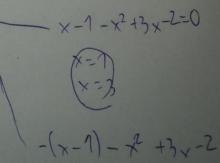
$$|x-1| = (x-1) \cdot (x-2)$$

$$|x-1| = (x-1) \cdot (x-2) = 0$$

$$|x-1| = (x^2-2x-x+2) = 0$$

$$|x-1| = (x^2+3x-2) = 0$$

$$|x-1| = (x^2+3x-2) = 0$$



$$\frac{\sqrt{2}}{1 \times 1} = x - 2 \quad (x \times 1, x \times -1)$$

$$x - 2 = (x - 2) \cdot (1 \times 1 - 1)$$

$$x - (x - 2) \cdot (1 \times 1 - 1) = 2$$

$$x - (x \cdot 1 \times 1 - x - 2 \cdot 1 \times 1 + 2) = 2$$

$$x - x \cdot 1 \times 1 + x + 2 \cdot 1 \times 1 - 2 = 2$$

$$2 \times - x \cdot 1 \times 1 + 2 \cdot 1 \times 1 - 2 = 2$$

$$2 \times - x \cdot 1 \times 1 + 2 \cdot 1 \times 1 - 2 = 2$$

$$2 \times - x \cdot 1 \times 1 + 2 \cdot 1 \times 1 - 2 = 2$$

