

BÀI TẬP PHƯƠNG TRÌNH VÔ TỈ (TỪ 1 – 30)

1	$\sqrt{2x-1} + \sqrt{x} = 2 \quad (x \in \mathbf{R})$	2	$2\sqrt{3x-2} - \sqrt{2x-1} = 1 \quad (x \in \mathbf{R})$
3	$\sqrt{3x+1} - \sqrt{x+3} = x-1 \quad (x \in \mathbf{R}).$	4	$\sqrt{5x-1} = \sqrt{x} + 4x-1 \quad (x \in \mathbf{R}).$
5	$\sqrt{x^2+5x+3} + \sqrt{x^2+5x-2} = 5 \quad (x \in \mathbf{R}).$	6	$\sqrt{x^2+3x+1} + \sqrt{x^2+4x+1} = x \quad (x \in \mathbf{R}).$
7	$\sqrt{x^2+2x+3} - \sqrt{x^2+3x} = 3-x \quad (x \in \mathbf{R}).$	8	$\sqrt{4x^2+5x-1} - 2\sqrt{x^2-x-1} = 9x+3.$
9	$\sqrt{x+1} + \sqrt{x+10} = \sqrt{x+2} + \sqrt{x+5} \quad (x \in \mathbf{R}).$	10	$\sqrt{2x+3} - \sqrt{x+1} = x+2 \quad (x \in \mathbf{R}).$
11	$\sqrt{3x+1} - \sqrt{x+1} = 2x \quad (x \in \mathbf{R}).$	12	$\sqrt{6x+1} - \sqrt{x+2} = 5x-1 \quad (x \in \mathbf{R}).$
12	$\sqrt{x+3} + \sqrt{3x+1} = \sqrt{5x-1} + \sqrt{5-x} \quad (x \in \mathbf{R}).$	13	$\sqrt{x+3} + \sqrt{3x+1} = \sqrt{2x+1} + \sqrt{2x+3} \quad (x \in \mathbf{R}).$
14	$\sqrt{3x+1} + \sqrt{x-1} = 2$	15	$\sqrt{5x-1} - \sqrt{x} = 4x-1$
16	$\sqrt{2x+6} - \sqrt{2x} = 6$	17	$\sqrt{10x-1} + \sqrt{7x-3} = 3x+2$
18	$\sqrt{6x+1} - \sqrt{3x+2} = 3x-1$	19	$\sqrt{2x+5} - \sqrt{x} = x+5$
20	$\sqrt{5x+7} = \sqrt{2x+1} + 3x+6$	21	$\sqrt{9x-5} - \sqrt{x+1} = 8x-6$
22	$\sqrt{7x+1} - \sqrt{x} = 6x$	23	$\sqrt{7x+2} - \sqrt{2x-1} = 5x+3$
24	$\sqrt{6x+5} = \sqrt{x+3} + 5x+2$	25	$\sqrt{x^2+6x+1} - \sqrt{x^2+2x+4} = 4x-3$
26	$\sqrt{8x+3} = 3x+1 + \sqrt{5x+2}$	27	$\sqrt{3x+1} + \sqrt{2x+1} = \sqrt{4x+7} - \sqrt{3x+7}$
28	$\sqrt{3x+2} - \sqrt{3x+1} = 1$	29	$\sqrt{2x+8} = x+4 + \sqrt{x+4}$
30	$\sqrt{9x+5} = \sqrt{x} + 8x+5$		