

$$\sqrt{f(x) < g(x)}, \quad \sqrt{f(x) > g(x)}$$

$$\sqrt{f(x) < g(x)}, \sqrt{f(x) > g(x)}$$

1. ОДЗ: $f(x) \geq 0$;

2. $g(x) > 0$. При $g(x) \leq 0$ неравенство не имеет решения.

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Решение.

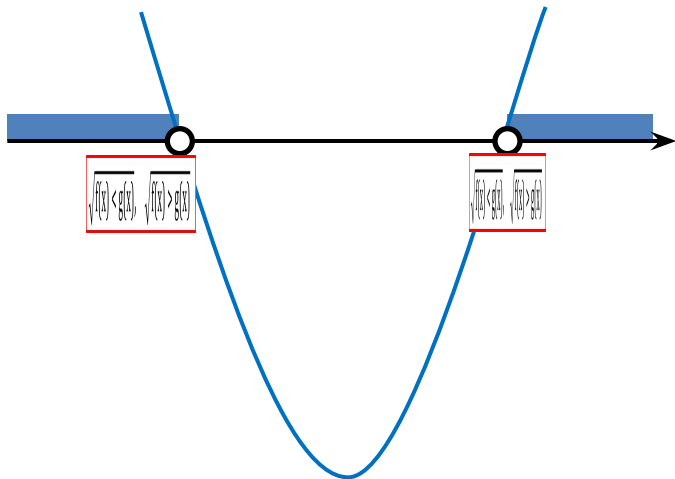
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$$x^2 - x - 2 > 0;$$

$$x_1 = -1, \quad x_2 = 2;$$

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Решение.

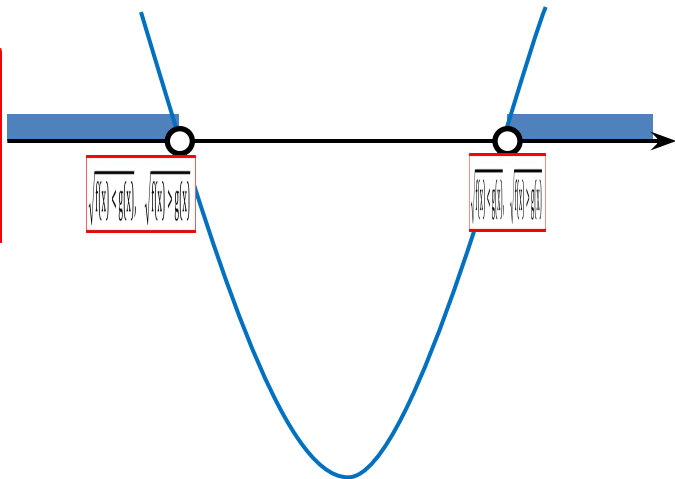
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$$x_1 = -2, \quad x_2 = 7;$$

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3.

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Решение.

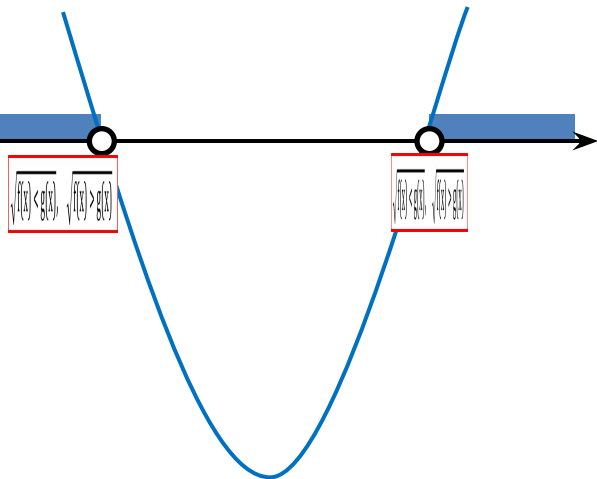
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$$x_1 = -2, x_2 = 1;$$

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$$x \in (-\infty; -2).$$



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$$x_1 = -2, x_2 = 1;$$

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$$x \in (-\infty;$$

$$-2);$$

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$$x \in (2;$$

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