

$$f(x) = \sin^2 x - \sin x$$

$$f(x) = \sin^2 x - \sin x = \sin x (\sin x - 1)$$

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$$f(x) = \sqrt{x} \text{ و } g(x) = x$$

$$f(x) = \sqrt{x} = x; x \geq 0$$

$$f(x) = \sqrt{x(-x)} = \sqrt{-x} = 0; x < 0$$

$$f(x) = (x+1)(x+1) + x + 1$$

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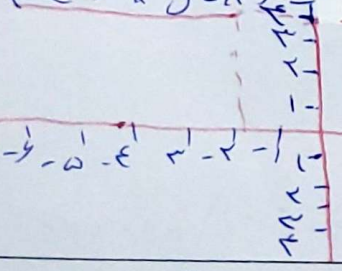
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$$f(x) = g(x) \Rightarrow \frac{x-b}{x^2-mx+n}$$

$$(x+1)(x^2-mx+n)$$

$$bn=10 \quad m+b=-\frac{a}{r} \quad n=\frac{10}{b} \quad m=\frac{a}{r}-b$$

$$a=\frac{1}{r} \quad n=-\frac{a}{r} \quad b=-\frac{a}{r}$$

$$an-bn=-\frac{a^2}{r^2}$$

له و طول هر متراد $\frac{1}{2}$ حقیقی توان را بسند

$g = (2, 1), (3, 1), (4, 1), (5, 1)$

$$c = a - b = -1 - (-5) = -1 + 5 = 4$$

$$a + c = (c-1) + a = c$$

$$b=0 \quad a+b = \frac{1}{x} + 0 = \frac{1}{x}$$

$$a \geq 4$$