



$$|a - b| \geq ||a| - |b||$$

$$|x| = \begin{cases} x, & x \geq 0 \\ -x, & x < 0 \\ 0, & x = 0 \end{cases}$$

$2^x = 32$  показательные  
 $x = 5$

$2^x = 50$   
 $x = \log_2(50)$

$$(x^2 - 11x + 30)^2 + (2^x - 32)^2 = 0$$

$x^2 - 11x + 30 = 0 \quad (x-5)(x-6) = 0$   
 $2^x - 32 = 0$   
ответ 5

$$|x^2 - 11x + 30| + |2^x - 32| + |\sin x / 5 - 1| = 0$$

$|-x| = x$   
 $|x| = x$   
 $x > 0$

$$|a + b| \leq |a| + |b|$$

$$|a \cdot b| = |a| \cdot |b|$$

$$|a + b|^2 \leq (|a| + |b|)^2$$

$|a| = |-a|$        $|a| + |b| = 0$