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Quadratics about Worksheet الملف

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Worksheet about Quadratics

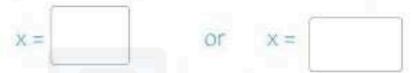
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Name:			
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1. Solve the equation of $q^2 + 12q + 32 = 0$!



2. Solve the equation of $4^{(x^2+3x-10)} = 1!$



3. If we express the $2x^2 + 16x + 5 = 0$ to $a(x + b)^2 + c$,

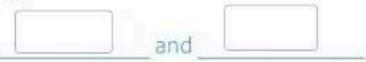


4. Solve the simultaneous equations of x + y = 6 and

$$x^2 + 2y = 20!$$

5. The sum of two numbers is 26. The product of the two number is

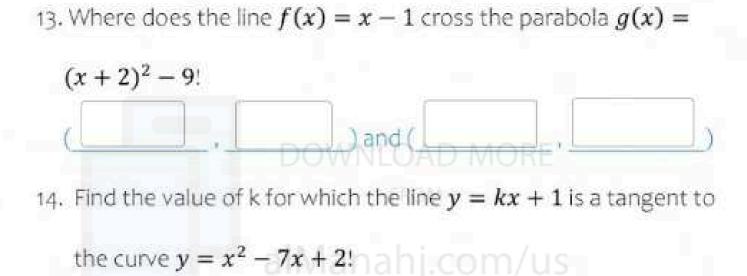
153. What are the two numbers?



6. Find the value of x that satisfy the equations $3x^4 + x^2 - 4 = 0$!

7. Solve $\sqrt{x}(\sqrt{x} + 1) = 6!$

8. From the function of	$y = x^2 + 14x - 15$, we can conclude tha
a. The x-intersect are	and
b. This graph will hav	e an y intersection at (
c. The graph has	point.
d. The	point is (
9. From the function of	$y = 12 + x - x^2$, we can conclude that:
a. The x-intersect are	OWNLOA land ORE .
1	e an y intersection at (
c. The graph has	Manahipoint.m/us
d. The	point is (
10. Solve $x^2 + 6x - 7$	
x =	
11. How many roots that	these equations have?
a. $x^2 - 12x + 36 =$	0
b. $2x^2 - 7x + 8 = 0$	
12. Find the value of k fo	$x^2 + kx + 4 = 0$ which has two equal
roots! k	=and



and

k =