Factoring Interactive Worksheet

Which expressions are factored?

$(x-3)(2x+3)$	$2ab + 5a^2b$	$(x-2)+(3x-2)$	$x(x+4)$

Which expressions are differences of squares?

$a^2 - 25$	$x^2 + 25$	$8a^2 - 18$	$9a^2 - 16b$

Solve the following expressions, if there is more than one root write the roots in increasing order.

$x^2 - 25$	$x^2 + 10x + 24$	$8x^2 - 18$	$2x^2 - 5x + 3$
x =___ x =___	x =___ x =___	x =___ x =___	x =___ x =___

$x^2 + 4x - 32$	$2x^2 + 10x + 12$	$5x^2 - 2x - 3$	$3x^2 - x + 7$
x =___ x =___	x =___ x =___	x =___ x =___	x =___ x =___