Name	Date	Class 9___	#

WORKSHEET 1.3B SOLVING BY FACTORISATION AND QUADRATIC FORMULA

1. Solve these equations by factorisation.

a) $x^2 + 2x - 3 = 0$	b) $x^2 = x$	c) $x^2 + 4x = 32$
d) $3x^2 - 10x - 8$	e) $2x^2 - 8 = 0$	f) $3x^2 - 27 = 0$

2 Use the formula to solve the equations. Give your answers correct to 2 decimal places.

a) $x^2 + 8x + 6 = 0$	b) $2x^2 - 2x - 3 = 0$	c) $3x^2 + 5x - 1 = 0$
d) $5x^2 - 12x + 5 = 0$	e) $5x^2 - 13x + 7 = 0$	f) $5x^2 + 9x + 3 = 0$

Excellent work, Well done		**SCORE**
Very Good		
Good Effort, Keep Trying		
Fair, Needs Improvement		
Unsatisfactory Effort, Pay More Attention		
Incomplete Work		
Late Work		
Do Corrections		
Teacher's Signature:		
Date Marked:		

LIVEWORKSHEETS