

Name: _____



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Complete the square for the following quadratic expressions

a) $x^2 + 6x + 3$

e) $x^2 + 2x - 9$

i) $x^2 + 12x - 8$

b) $x^2 + 8x - 1$

f) $x^2 - 10x + 5$

j) $x^2 - 3x + 5$

c) $x^2 - 4x + 1$


g) $x^2 + 4x + 11$

k) $x^2 - 5x - 9$

d) $x^2 - 6x - 8$

h) $x^2 + 6x - 15$

l) $x^2 - 7x - 7$

 **Exam question:**Write $m^2 + 6m + 4$ in the form $(m + a)^2 - b$ where a and b are constants to be determined.