

(C1-1.4) Name:

Homework Questions 4 – Factorising an Expression

1. Factorize the following into a single bracket

a) $4x - 8$

b) $14x - 7$

c) $x + 3x^2$

d) $14x - 4x^2$

e) $16x^2 + 24xy^3$

f) $14x^3y^2 - 7xy^3 + 28xy^5$

g) $12x^3 + 6x^2$

h) $25x^3 - 15x^2 + 35x^5$

i) $3x^2 - 6x$

j) $4x^2 - 2x^2y$