

**Quiz – Expanding Binomial Multiplication
and Common Factoring**

1. Expand and simplify the following expressions.

a) $(x+3)(x+5)$

b) $(x-1)(x+4)$

c) $(x-4)^2$

d) $2(x-3)(x+6)$

e) $4(x+5)^2$

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

2. Common factor each expression.

a) $5x+10$

b) $9x^2 - 18x$

c) $4x^2 + 20x - 8$

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