

Directions: Do the following problems on a separate sheet of paper. Show all work.

Factor.

a) $x^2 + 11x + 28$	b) $x^2 - 5x - 14$
c) $w^2 - 5x - 24$	d) $x^2 - 4xy - 32y^2$
e) $x^2 + 9x + 21$	f) $x^2 - 9$ Hint: Do you recognize this special form?

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