# Algebra I

5-9
Backwards FOIL
Day 3

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Factor. (pg. 222)

1) $3x^2 + 7x + 2$

$(1x + 2)(3x + 1)$

$6x$
$1x$
$7x$ ✓

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13) $3p^2 + 7p - 6$

$(1p + 3)(3p - 2)$

$+2p$
$+9p$
$+7p$ ✓

6    1

<u>Some incorrect answers -</u>

never have the same
number except for 1

$(3p + 3)(p - 2)$

can't be Factors except
For 1.

$(3p + 6)(p - 1)$

$(3p + 2)(p - 3)$

$-7p$

if opposite,
switch + + -

$(3p - 2)(p + 3)$

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25) $9m^2 - 25mn - 6n^2$

$(9m + 2n)(1m - 3n)$

$+2n$
$-27n$
$-25n$ ✓

33            1  6

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2-36 even