

## Benchmark Review Problems

Factor

①  $3x^2 + x - 14$

②  $2x^2 - 9x - 5$

③  $9x^2 - 12x + 4$

Multiply

④  $(3x - 2)(3x - 2)$

⑤  $(2x - y)(3x + 3y)$

⑥  $(a - 3b)(2a + b)$

Factor

⑦  $x^2 - 64$

⑧  $4x^2 - 64$

⑨  $9x^2 - 36$

⑩  $3(x - y)^2$  for  $x = 2$   $y = 5$

⑪  $4(x + y)^2 + 2$  for  $x = 1$   $y = 2$