

Name: .....

Date: ..... Score: .....

## Multiplying Binomials with Single Variables

Find the product of each pair of binomials.

①  $(9x + 7)(x + 4)$

.....

②  $(p + 2)(p + 7)$

.....

③  $(5x - 7)(x - 3)$

.....

④  $(p - 3)(p + 5)$

.....

⑤  $(3y + 4)(5y - 2)$

.....

⑥  $(4u - 6)(u + 11)$

.....

⑦  $(6n - 2)(8 - 3n)$

.....

⑧  $(u - 7)(u + 12)$

.....

⑨  $(y - 2)(4y - 5)$

.....

⑩  $(n - 9)(3n + 2)$

.....

Name: .....

Date: .....

Score: .....

## Multiplying Binomials with Single Variables

### Answers

①  $(9x + 7)(x + 4)$

$9x^2 + 43x + 28$   
-----

③  $(5x - 7)(x - 3)$

$5x^2 - 22x + 21$   
-----

⑤  $(3y + 4)(5y - 2)$

$15y^2 + 14y - 8$   
-----

⑦  $(6n - 2)(8 - 3n)$

$-18n^2 + 54n - 16$   
-----

⑨  $(y - 2)(4y - 5)$

$4y^2 - 13y + 10$   
-----

②  $(p + 2)(p + 7)$

$p^2 + 9p + 14$   
-----

④  $(p - 3)(p + 5)$

$p^2 + 2p - 15$   
-----

⑥  $(4u - 6)(u + 11)$

$4u^2 + 38u - 66$   
-----

⑧  $(u - 7)(u + 12)$

$u^2 + 5u - 84$   
-----

⑩  $(n - 9)(3n + 2)$

$3n^2 - 25n - 18$   
-----