

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet Product of Two Binomials

Determine the product of the following binomials by following the given steps.

1. $(y + 2)(y + 8)$
 Get the product of the first terms: _____
 Get the product of the outer terms: _____
 Get the product of the inner terms: _____
 Get the product of the last terms: _____
 Combine similar terms: _____
 Final Answer: _____
2. $(2a - b)(a + b)$
 Get the product of the first terms: _____
 Get the product of the outer terms: _____
 Get the product of the inner terms: _____
 Get the product of the last terms: _____
 Combine similar terms: _____
 Final Answer: _____
3. $(2a - b)(a + b)$
 Get the product of the first terms: _____
 Get the product of the outer terms: _____
 Get the product of the inner terms: _____
 Get the product of the last terms: _____
 Combine similar terms: _____
 Final Answer: _____
4. $(3x - 1)(x + 2)$
 Get the product of the first terms: _____
 Get the product of the outer terms: _____
 Get the product of the inner terms: _____
 Get the product of the last terms: _____
 Combine similar terms: _____
 Final Answer: _____
5. $(x - 2)(x + 5)$
 Get the product of the first terms: _____
 Get the product of the outer terms: _____
 Get the product of the inner terms: _____
 Get the product of the last terms: _____
 Combine similar terms: _____
 Final Answer: _____

6. $(3x - 2)(x - 5)$

Get the product of the first terms: _____

Get the product of the outer terms: _____

Get the product of the inner terms: _____

Get the product of the last terms: _____

Combine similar terms: _____

Final Answer: _____

7. $(x + 4)(x - 2)$

Get the product of the first terms: _____

Get the product of the outer terms: _____

Get the product of the inner terms: _____

Get the product of the last terms: _____

Combine similar terms: _____

Final Answer: _____

8. $(2x + 5)(x - 4)$

Get the product of the first terms: _____

Get the product of the outer terms: _____

Get the product of the inner terms: _____

Get the product of the last terms: _____

Combine similar terms: _____

Final Answer: _____

9. $(x + 7)(5x - 3)$

Get the product of the first terms: _____

Get the product of the outer terms: _____

Get the product of the inner terms: _____

Get the product of the last terms: _____

Combine similar terms: _____

Final Answer: _____

10. $(4x - 11)(9x - 3)$

Get the product of the first terms: _____

Get the product of the outer terms: _____

Get the product of the inner terms: _____

Get the product of the last terms: _____

Combine similar terms: _____

Final Answer: _____