

Multiplying Polynomials

Homework Worksheet

Show all necessary work. Circle Final Answers

You may use any method practiced in class to complete the problems.

Learn NC

Name:

Period:

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

2) $(x + 3)(x - 2)$

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

4) $(2y + 3)(6y - 7)$

5) $(n + 6)(n + 7)$

6) $(a - 3)(a - 5)$

7) $(2w - 5)(w + 7)$

8) $(8r - 2)(8r + 2)$

9) $(8r + 2)(8r + 2)$

10) $(x + y)(x - y)$

11) $(x + y)(x - y)$

12) $(5t + 4)(2t - 6)$

13) $(3a - b)(2a - b)$

14) $(x - 4)(x - 6)$

15) $(2x - 1)(x - 5)$

16) $(y + 4)(y + 4)$

17) $(r - 3)(r + 7)$

18) $(4x - 3)(x + 4)$

19) $(5x - 7y)(4x + 3y)$

20) $(3x + 0.25)(6x - 0.5)$

****Try These!****

21) $(9x + 2)(9x - 2)$

22) $(w - 3)^2$

23) $(x - 10)^2$

24) $(y + 4)(y^2 + 2y - 7)$

25) $(x - 3)(x^2 - 8x + 5)$