

Multiplying Binomials Assignment

1. $(x-2)(x+3)$ is:

- $-x^2+6x-6$
- x^2-6x+6
- x^2+x-6
- x^2+5x-6

2. $(3x-3)(-4x+4) = -12x^2-12$

3. $(-6x+8)(5x-9) = -30x^2-14x-72$

4. $(10x-10)(-10x+10) = -100x^2-100$

5. $(3n+6)(-6n-8) = -18n^2-60n-48$

6. $(-x+1)(-x+1) = x^2-2x+1$

7. $(3x-4)(-7x+20) = -21x^2+88x-80$

8. $(4n+4)(8n-8) = 32n^2-32$

9. $(x+a)(x+b) = x^2+(a+b)x+ab$

10. $(mn+4)(2mn-7) = 2m^2n^2+mn-28$