

Name: _____

Date: _____

Every term in the first must multiply every term in the second. Combine, then standard form. Last two are challenge problems!

1. $3x(2x + 5) = ?$

show your work

2. $(x + 2)(x + 3) = ?$

show your work

3. $(x + 4)(x - 2) = ?$

show your work

4. $(x - 5)(x - 3) = ?$

show your work

5. $(2x + 1)(x + 4) = ?$

show your work

6. $(3x - 2)(2x + 5) = ?$

show your work

7. $(x + 3)^2 = ?$

show your work

8. $(5x - 3)(-2x + 7) = ?$ (Trainer echo - June 2025 Q27!)

show your work

9. $(2x + 3)(-6x^2 + 5x - 1) = ?$ (Trainer
echo - Jan 2026 Q27!) ★ CHALLENGE

show your work

10. $(x + 7)^2 + (x - 3)^2 = ?$ (Trainer
echo - Aug 2025 Q19!) ★ CHALLENGE

show your work