

Name _____

Date _____

Proving Polynomial Identities - Independent Practice Worksheet

Complete all the problems. Evaluate.

1. $(\sqrt{2x} - 3y)^2$

2. $\left(2x - \frac{1}{3x}\right)^2$

3. $\left(2x - \frac{1}{x}\right)^2$

4. $(2x + 5y)^2$

5. $(3z - 2z)^2$

6. $(5j - 3k)^2$

7. $(8x + 6y)^2$

8. $(4p + 7k)^2$

9. $(2x - 9y)^2$

10. $(8r - 4d)^2$

