

Completing the Square

Solutions

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

2. $(k - 13)(k - 1)$

3. $(x + 9)(x + 1)$

4. $(x + 9)^2 - 69$

5. $(xy + 4)^2 - 14$

6. $(y - 10)^2 - 20$

7. $(2k + 1)^2 + 3$

8. $(4y + \frac{1}{2})^2 + \frac{3}{4}$

9. $(4y - \frac{1}{2})^2 + \frac{3}{4}$

10. $(3x + 2)^2 - 3$