



## Quadratics by completing the square

Complete the square of these quadratic equation and find their zeroes.

1)  $g^2+22g-1$

Answer: \_\_\_\_\_

2)  $g^2+6g+16$

Answer: \_\_\_\_\_

3)  $b^2-8b-20$

Answer: \_\_\_\_\_

4)  $p^2-4p+9$

Answer: \_\_\_\_\_

5)  $b^2-22b+1$

Answer: \_\_\_\_\_



6)  $j^2 - 16j + 5$

Answer: \_\_\_\_\_

7)  $r^2 + 10r + 5$

Answer: \_\_\_\_\_

8)  $g^2 - 10g + 7$

Answer: \_\_\_\_\_

9)  $w^2 + 20w - 4$

Answer: \_\_\_\_\_

10)  $g^2 + 22g + 4$

Answer: \_\_\_\_\_