Simplification of Linear Algebraic Expressions

1) $2(4w+1) = 18$

2) $5 = 1+4y$

3) $3p-1 = 2$

4) $2(2f+2) = 4(4f+1)$

5) $2(3z-2) = 2(2z-1)$

6) $3(3p+2) = 51$

7) $2(3f+2) = 40$

8) $2(r+1) = 1$

9) $68 = 4(3z+2)$

10) $2(3g+2) = 4(2g-1)$

Answers

1. w=2
2. y=1
3. p=1
4. f=0
5. z=1
6. p=5
7. f=6
8. r=-1/2
9. z=5
10. g=4