Equation Challenger

Answer each question carefully!!!

1. -4(-4n – 1) – n + 2(2n + 5) = 5n + 5(3n + 2)

    [A] n = -2
    [B] n = 4
    [C] No Solution
    [D] All Real Numbers

2. -4(2b + 3) + 2b – 4(-b – 5) = 3(-4b – 1) – 5b + 4b

    [A] b = -1
    [B] b = -7
    [C] No Solution
    [D] All Real Numbers

3. -5(-4j – 5) + 3(4j – 3) – 2(2j + 5) = 4(4j + 3) + 4j – 2(-4j – 2)

    [A] j = -2
    [B] j = -5
    [C] No solution
    [D] All Real Numbers

4. -3h – 4(-3h + 1) – h – h = 4(2h – 1) – h

    [A] h = -4
    [B] h = -5
    [C] No Solution
    [D] All real numbers

5. -2r + 2r – 3r – 5r + 4(-2r – 1) = -5r – 3r – 4(-r + 2) – 4r

    [A] r = 1/10
    [B] r = 1/2
    [C] No Solution
    [D] All Real Numbers

6. 5h – (-h + 4) + 3h + 4h = -2(-3h + 1) + 5h

    [A] h = 1
    [B] h = 8
    [C] h = -3
    [D] h = -2

7. 5 – 4(-g – 3) – 2(4g – 4) = -(4g + 5) – 5(-2g – 5)

    [A] g = -3/2
    [B] g = 3/4
    [C] g = 1/2
    [D] g = 5/4

1. B
2. A
3. C
4. D
5. B
6. A
7. C