Distance between two parallel planes $2x + y + 2z = 8$ and $4x + 2y + 4z + 5 = 0$ is

A. 3/2

B. 5/2

C. 7/2

D. 9/2

C. 7/2

The distance between $4x + 2y + 4z - 16 = 0$ and $4x + 2y + 4z + 5 = 0$ is

$$\left| \frac{5 + 16}{\sqrt{16 + 4 + 16}} \right| = \left| \frac{21}{\sqrt{36}} \right| = \frac{21}{6} = \frac{7}{2}$$