A $g(x_A) = h(x_A)$

$\Leftrightarrow \frac{-3}{4}x_A - 3 = \frac{2}{3}x_A + 3$

$\Leftrightarrow \frac{-3}{4}x_A - \frac{2}{3}x_A = 6 \quad \Leftrightarrow \frac{-9-8}{12}x_A = 6 \quad \Leftrightarrow \frac{-17}{12}x_A = 6$

$\Leftrightarrow x_A = \frac{-6+12}{17} = \frac{-72}{17} \quad \Rightarrow y_A = h(x_A) = \frac{2}{3} \times \frac{-72}{17} + 3 = \frac{-144}{51} + 3$

$= \frac{-144+153}{51} = \frac{9}{51} = \frac{3}{17}$

Donc $A\left(\frac{-72}{17} ; \frac{3}{17}\right)$

E $f(x_E) = h(x_E) \Leftrightarrow 2x_E + 1,5 = \frac{2}{3}x_E + 3$

$\Leftrightarrow 2x_E - \frac{2}{3}x_E = 1,5 \quad \Leftrightarrow \frac{4}{3}x_E = \frac{3}{2} \quad \Leftrightarrow x_E = \frac{9}{8}$

$\Rightarrow y_E = f(9/8) = 2 \times \frac{9}{8} + 1,5 = \frac{9}{4} + \frac{3}{2} = \frac{9+6}{4} = \frac{15}{4}$

Donc $E(9/8 ; 15/4)$

B $j(x_B) = h(x_B) \Leftrightarrow -x_B - 2 = \frac{2}{3}x_B + 3 \quad \Leftrightarrow -x_B - \frac{2}{3}x_B = 5$

$\Leftrightarrow -\frac{5}{3}x_B = 5 \quad \Leftrightarrow x_B = -3 \quad \Rightarrow y_B = j(x_B) = 3 - 2 = 1$

Donc $B(-3 ; 1)$

C $f(x_C) = j(x_C) \Leftrightarrow 2x_C + 1,5 = -x_C - 2 \Leftrightarrow 3x_C = -3,5$

$\Leftrightarrow x_C = \frac{-3,5}{3} \quad \Rightarrow y_C = f(x_C) = \frac{-7}{3} + 1,5 = \frac{-7+4,5}{3} = \frac{-2,5}{3}$

Donc $C\left(\frac{-3,5}{3} ; \frac{-2,5}{3}\right)$

D $f(x_D) = g(x_D) \Leftrightarrow 2x_D + 1,5 = \frac{-3}{4}x_D - 3 \Leftrightarrow \frac{11}{4}x_D = -4,5$

$\Leftrightarrow \frac{11}{4}x_D = -9/2 \Leftrightarrow x_D = \frac{-36}{22} = \frac{-18}{11} \quad \Rightarrow y_D = 2 \times \left(\frac{-18}{11}\right) + 1,5$

$\Rightarrow y_D = \frac{-36+16,5}{11} = \frac{-19,5}{11}$ Donc $D\left(\frac{-18}{11} ; \frac{-19,5}{11}\right)$