Algebraic Fraction Equations

Q1.

Solve $\dfrac{4x-1}{5} + \dfrac{x+4}{2} = 3$

$x =$ . . . .

(Total for Question is 3 marks)

Q2.

Solve $\dfrac{x+1}{2} + \dfrac{2x-1}{3} = \dfrac{5}{6}$

$x =$ ....

(Total for question = 4 marks)

Q3.

Solve $\dfrac{3x-2}{4} - \dfrac{2x+5}{3} = \dfrac{1-x}{6}$

$x =$ ....

(Total for question = 4 marks)

Q4.

Solve $\dfrac{x+1}{3} + \dfrac{2x+5}{4} = 2$

$x =$ ....

(Total for question = 4 marks)

Q5.

Solve $\dfrac{x+2}{3x} + \dfrac{x-2}{2x} = 3$

$x =$ ....

(Total for question is 3 marks)

Q6.

Solve $\dfrac{4-2x}{x+1} = x$

....

(Total for Question is 4 marks)