

2)

Page 2 of 5

$$i) 7x - 1 = 5x + 4$$

$$\begin{array}{l} +1 \downarrow \\ 7x = 5x + 5 \end{array}$$

$$\begin{array}{l} -5x \downarrow \\ 2x = 5 \end{array}$$

$$\begin{array}{l} \div 2 \downarrow \\ \underline{x = 2.5} \end{array}$$

$$ii) 10(3x + 2) = 7(-2x - 1)$$

$$\begin{array}{l} +14x \downarrow \\ 30x + 20 = -14x - 1 \end{array}$$

$$\begin{array}{l} +14x \downarrow \\ 44x + 20 = -1 \end{array}$$

$$\begin{array}{l} -20 \downarrow \\ 44x = -21 \end{array}$$

$$\begin{array}{l} \div 44 \downarrow \\ \underline{x = -0.4772} \end{array}$$

$$iii) \frac{3}{(2x+1)} = \frac{4}{(x-1)}$$

$$x = -1.4$$