Algebraic Fractions Revision

(a)	(b)	(c)	(d)
Simplify $\dfrac{x(x-5)}{x^2}$	Simplify $\dfrac{x^2+2x}{x^2+7x+10}$	Simplify $\dfrac{x^2-x-6}{x^2+6x+8}$	Simplify $\dfrac{3x^2-13x+4}{x^2-16}$

(e)	(f)	(g)	(h)
Simplify $\dfrac{x^2}{x-2} \times \dfrac{3x-6}{4x}$	Simplify $\dfrac{x(x-1)}{x^2+2x} \div \dfrac{x^2-1}{3x}$	Write as a single fraction $\dfrac{x}{3}+\dfrac{2x}{5}$	Write as a single fraction $\dfrac{5x}{6}-\dfrac{x}{4}$

(i)	(j)	(k)	(l)
Simplify fully $\dfrac{5}{x^2}+\dfrac{4}{3x}$	Simplify fully $\dfrac{3}{x+2}-\dfrac{2}{x-1}$	Write as a single fraction $\dfrac{2x-1}{5}+\dfrac{x+3}{4}$	Simplify fully $\dfrac{x}{2x+4}-\dfrac{3}{x^2+5x+6}$

(m)	(n)	(o)
Solve $\dfrac{x}{3}+\dfrac{2x-1}{4}=1$	Solve $\dfrac{2(x+1)}{5}=\dfrac{8+x}{6}$	Solve $\dfrac{5}{x+3}+\dfrac{3}{x-1}=4$