Making quadratic equation and its solution

Solve these Equations.

1. $3/(x+3)$ - $4/(x-3)$ $= 5x/(x^2 - 9)$

2. $(2x-1)/4$ +$(x+2)/3$ $=2$

3. $(x+1)/3$ +$(x+1)/5$ $=1$

4. $(3x+2)/(x-1)$ +3 $=4$

5. $(3x+1)/x$ +$(2x-1)/3$ $=$ -3 . solve upto 2 d.p.

6.   Show that $4/x = 9 -2x$ can be written as $2x^2 -9x +4=0$. solve it.

7. $(x+3)^2 -6(x+3) -16=0$.

8. Simplify $(2x^2 -9x -18)/ (x^2 -36)$

9. Simplify $(3x^2 - 2x -5) / (9x^2 -25)$

10. Simplify $(5x^2 -x -6) / (25x^2 - 36)$