(1) a) $\dfrac{x+5}{4}+\dfrac{x+7}{5}=4$

     b) $\dfrac{x+1}{3}+\dfrac{x+10}{5}=5$

     c) $\dfrac{x+2}{4}+\dfrac{x+4}{2}=7$

     d) $\dfrac{x+7}{3}+\dfrac{x+10}{6}=5$

(2) a) $\dfrac{x+3}{5}+\dfrac{x+1}{2}=6$

     b) $\dfrac{x+4}{3}+\dfrac{x+13}{7}=7$

     c) $\dfrac{x+3}{2}+\dfrac{x+6}{5}=9$

     d) $\dfrac{2x+2}{21}+\dfrac{x-13}{7}=3$

(3) a) $\dfrac{x+10}{4}-\dfrac{x-1}{5}=3$

     b) $\dfrac{4x+1}{3}-\dfrac{5x-1}{12}=5$

     c) $\dfrac{3x-2}{2}-\dfrac{3x-5}{7}=4$

     d) $\dfrac{7x-3}{9}+\dfrac{4x-6}{3}=4$

(4) a) $\dfrac{7x-5}{6}=6-\dfrac{2x-1}{9}$

     b) $\dfrac{3x+5}{7}+2=\dfrac{11x-5}{8}+\dfrac{1}{2}$

     c) $\dfrac{x-2}{4}-\dfrac{7x+2}{10}=2$

     d) $\dfrac{x+2}{3}+\dfrac{x-4}{2}=7$

(5) a) $\dfrac{5x-2}{3}-\dfrac{3x+2}{7}=4$

     b) $\dfrac{2x+11}{7}+\dfrac{7x+5}{2}=23$

     c) $2\cdot\dfrac{4x+3}{5}-4=\dfrac{3x-5}{2}$

     d) $-3\cdot\left(\dfrac{6x-1}{11}-\dfrac{x+6}{2}\right)=9$