2:11

$1-\frac{x+1}{3}=2x-\frac{1}{3}$

$\frac{3}{3}-\frac{x+1}{3}=\frac{6x}{3}-\frac{1}{3}$

$3-(x+1)=6x-1$

$3-x-1=6x-1$

$3=6x+x$

$3=7x \rightarrow \boxed{x=\frac{3}{7}}$

b) $1-\frac{1-x}{3}=x+\frac{1}{2}$

$\frac{6}{6}-\frac{2(1-x)}{6}=\frac{6x}{6}+\frac{3}{6}$

$6-2(1-x)=6x+3$

$6-2+2x=6x+3$

$2x-6x=3-6+2$

$-4x=-1$

$x=\frac{+1}{+4} \rightarrow \boxed{x=\frac{1}{4}}$

f) $\frac{3x}{5}-1=x-\frac{x+1}{2}$

$\frac{6x}{10}-\frac{10}{10}=\frac{10x}{10}-\frac{5(x+1)}{10}$

$6x-10=10x-5(x+1)$

$6x-10=10x-5x-5$

$6x-10x+5x=-5+10$

$\boxed{x=5}$

c) $\frac{3x-1}{2}-1=2x-2$

$\frac{3x-1}{2}-\frac{2}{2}=\frac{4x}{2}-\frac{4}{2}$

$3x-1-2=4x-4$

$3x-4x=-4+1+2$

$-x=-1$

$\boxed{x=1}$

d) $x+\frac{2-3x}{5}=\frac{x}{2}+1$

$\frac{10x}{10}+\frac{4-6x}{10}=\frac{5x}{10}+\frac{10}{10}$

$\cdot 2\cdot(2-3x)$

$10x+4-6x=5x+10$

$10x-6x-5x=10-4$

$-x=6$

$\boxed{x=-6}$

e) $2x+\frac{x-3}{2}=\frac{x-3}{4}$

$\frac{8x}{4}+\frac{2x-6}{4}=\frac{x-3}{4}$

$\cdot 2\cdot(x-3)$

$8x+2x-6=x-3$

$8x+2x-x=-3+6$

$9x=3$

$x=\frac{3}{9}$

$\boxed{x=\frac{1}{3}}$

g) $\frac{x+3}{5}-\frac{x-6}{7}=1$

$\frac{7(x+3)}{35}-\frac{5(x-6)}{35}=\frac{35}{35}$

$7(x+3)-5(x-6)=35$

$7x+21-5x+30=35$

$7x-5x=35-21-30$

$2x=-16$

$x=\frac{-16}{2}$

$\boxed{x=-8}$

h) $\frac{1-x}{3}-\frac{x-1}{12}=\frac{3x-1}{4}$

$\frac{4(1-x)}{12}-\frac{x-1}{12}=\frac{3(3x-1)}{12}$

$4(1-x)-(x-1)=3(3x-1)$

$4-4x-x+1=9x-3$

$-4x-x-9x=-3-4-1$

$-14x=-8$

$x=\frac{+8}{+14}=\boxed{\frac{4}{7}}$