

$$(h) (-x+4)(x+81)=0$$

$$\begin{array}{r} -x+4=0 \quad x+81=0 \\ \underline{-4 \quad -4} \quad \quad \quad x=-81 \\ -x=-4 \end{array}$$

$$x=4, -81$$

$$(x-4)(2x+10)=0$$

$$\begin{array}{r} x-4=0 \quad 2x+10=0 \\ \quad \quad \quad \underline{-10 \quad -10} \\ \quad \quad \quad 2x=-10 \end{array}$$

$$x=4, -5$$

$$(2x+30)(8x+16)=0$$

$$\begin{array}{r} 2x+30=0 \quad 8x+16=0 \\ \underline{-30 \quad -30} \quad \quad \quad \underline{-16 \quad -16} \\ 2x=-30 \quad \quad \quad 8x=-16 \end{array}$$

$$x=-15, x=-2$$

$$(i) (x+9)(x-9)=0$$

$$\begin{array}{r} x+9=0 \quad x-9=0 \\ \quad \quad \quad x=9 \quad \quad x=-9 \end{array}$$

$$(3x+11)(x-4)=0$$

$$\begin{array}{r} 3x+11=0 \quad x-4=0 \\ \quad \quad \quad \underline{-11 \quad -11} \\ \quad \quad \quad 3x=-11 \end{array}$$

$$x=-\frac{11}{3}, x=4$$

$$(x+2)(x-2)=0$$

$$\begin{array}{r} x+2=0 \quad x-2=0 \\ \quad \quad \quad x=-2 \quad \quad x=2 \end{array}$$

$$x=-2, x=2$$

$$(j) x^2-100=0$$

$$\begin{array}{r} (x-10)(x+10)=0 \\ x-10=0 \quad x+10=0 \\ \quad \quad \quad x=10, \quad x=-10 \end{array}$$

$$x^2-4x+4=0$$

$$\begin{array}{r} (x-2)(x-2)=0 \\ x-2=0 \quad x-2=0 \\ \quad \quad \quad x=2 \end{array}$$

$$x^2-9=0$$

$$\begin{array}{r} (x-3)(x+3)=0 \\ x-3=0 \quad x+3=0 \\ \quad \quad \quad x=3, \quad x=-3 \end{array}$$

$$x^2+2x+1=0$$

$$\begin{array}{r} (x+1)(x+1)=0 \\ x+1=0 \quad x+1=0 \\ \quad \quad \quad x=-1 \end{array}$$

$$(k) x^2+10x+25=0$$

$$\begin{array}{r} (x+5)(x+5)=0 \\ x+5=0 \\ \quad \quad \quad x=-5 \end{array}$$

$$x^2-36=0$$

$$\begin{array}{r} (x+6)(x-6)=0 \\ x+6=0 \quad x-6=0 \\ \quad \quad \quad x=-6, \quad x=6 \end{array}$$

$$x^2-10x+25=0$$

$$\begin{array}{r} (x-5)(x-5)=0 \\ x-5=0 \\ \quad \quad \quad x=5 \end{array}$$

$$x^2-16=0$$

$$\begin{array}{r} (x-4)(x+4)=0 \\ x-4=0 \quad x+4=0 \\ \quad \quad \quad x=4, \quad x=-4 \end{array}$$

$$(l) x^2-1=0$$

$$\begin{array}{r} (x-1)(x+1)=0 \\ x-1=0 \quad x+1=0 \\ \quad \quad \quad x=1, \quad x=-1 \end{array}$$

$$x^2-2x+1=0$$

$$\begin{array}{r} (x-1)(x-1)=0 \\ x-1=0 \\ \quad \quad \quad x=1 \end{array}$$

$$x^2+4x+4=0$$

$$\begin{array}{r} (x+2)(x+2)=0 \\ x+2=0 \\ \quad \quad \quad x=-2 \end{array}$$

$$x^2+20x+100=0$$

$$\begin{array}{r} (x+10)(x+10)=0 \\ x+10=0 \\ \quad \quad \quad x=-10 \end{array}$$

$$(m) x^2-20x+100=0$$

$$\begin{array}{r} (x-10)(x-10)=0 \\ x-10=0 \\ \quad \quad \quad x=10 \end{array}$$

$$x^2+18x+81=0$$

$$\begin{array}{r} (x+9)(x+9)=0 \\ x+9=0 \\ \quad \quad \quad x=-9 \end{array}$$

$$x^2-64=0$$

$$\begin{array}{r} (x+8)(x-8)=0 \\ x+8=0 \quad x-8=0 \\ \quad \quad \quad x=-8, \quad x=8 \end{array}$$

$$x^2-18x+81=0$$

$$\begin{array}{r} (x-9)(x-9)=0 \\ x-9=0 \\ \quad \quad \quad x=9 \end{array}$$

$$(n) 5x^2-500=0$$

$$\begin{array}{r} 5(x^2-100)=0 \\ 5(x+10)(x-10)=0 \\ x+10=0 \quad x-10=0 \\ \quad \quad \quad x=-10 \quad x=10 \end{array}$$

$$8x^2-32x+32=0$$

$$\begin{array}{r} 8(x^2-4x+4)=0 \\ 8(x-2)(x-2)=0 \\ x-2=0 \\ \quad \quad \quad x=2 \end{array}$$

$$7x^2-63=0$$

$$\begin{array}{r} 7(x^2-9)=0 \\ 7(x+3)(x-3)=0 \\ x+3=0 \quad x-3=0 \\ \quad \quad \quad x=-3, \quad x=3 \end{array}$$

$$10x^2+20x+10=0$$

$$\begin{array}{r} 10(x^2+2x+1)=0 \\ 10(x+1)(x+1)=0 \\ x+1=0 \\ \quad \quad \quad x=-1 \end{array}$$