

1. Solve the equations:

a)  $x^2 + 3x + 2 = 0$

b)  $x^2 + 5x + 6 = 0$

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

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

e)  $x^2 + 9x + 20 = 0$

f)  $x^2 + 10x + 21 = 0$

g)  $x^2 + 6x + 9 = 0$

h)  $x^2 + 8x + 16 = 0$

i)  $x^2 + 6x + 5 = 0$

j)  $x^2 + 4x + 3 = 0$

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

l)  $x^2 + 12x + 36 = 0$

2. Solve the equations:

a)  $x^2 - x - 2 = 0$

b)  $x^2 - x - 6 = 0$

c)  $x^2 + x - 2 = 0$

d)  $x^2 + x - 6 = 0$

e)  $x^2 + x - 20 = 0$

f)  $x^2 - 4x - 21 = 0$

g)  $x^2 + 4x - 5 = 0$

h)  $x^2 - 2x - 3 = 0$

i)  $x^2 - x - 20 = 0$

j)  $x^2 + 4x - 21 = 0$

k)  $x^2 - 4x - 5 = 0$

l)  $x^2 + 2x - 3 = 0$

3. Solve the equations:

a)  $x^2 - 3x + 2 = 0$

b)  $x^2 - 5x + 6 = 0$

c)  $x^2 - 3x + 2 = 0$

d)  $x^2 - 5x + 6 = 0$

e)  $x^2 - 9x + 20 = 0$

f)  $x^2 - 10x + 21 = 0$

g)  $x^2 - 6x + 5 = 0$

h)  $x^2 - 4x + 3 = 0$

3. Solve the equations:

a)  $x^2 - 5x = -6$

b)  $x^2 - 9x = -20$

c)  $x^2 + 5 = 6x$

d)  $x^2 - 3x = -2$

e)  $x^2 - 4x = -3$

f)  $x^2 = 3x - 2$

g)  $x^2 = 5x - 6$

h)  $x^2 + 20 = 9x$

i)  $x^2 + 21 = 10x$