

$$\textcircled{1} \quad x^2 - 5x$$

$$\textcircled{2} \quad 4y^2 + 8y$$

$$\textcircled{3} \quad -2x^2 + 3x$$

$$\textcircled{4} \quad y^2 - 2y + 9y - 18 = y^2 + 7y - 18$$

$$\textcircled{5} \quad x^2 - 4x + 3x - 12 = x^2 - x - 12$$

$$\textcircled{6} \quad 12w^3 + 8w^2 - 15w - 10$$

$$\textcircled{7} \quad x^2 + 2x + 1$$

$$\textcircled{8} \quad 9x^2 - 64$$

$$\textcircled{9} \quad 4K^2 + 16K + 16$$

$$\textcircled{10} \quad 16Y^4 - 4$$

$$\textcircled{11} \quad 25X^2 - 20X + 4$$

$$\textcircled{12} \quad a^2 + 2ab + b^2$$

$$\textcircled{13} \quad a^2 - b^2$$

$$\textcircled{14} \quad a^3 + 2a^2$$

$$\textcircled{15} \quad X^2 - 49$$

$$\textcircled{16} \quad X^3 + 3X^2 - 7X + 4X^2 + 12X - 28$$

$$X^3 + 7X^2 + 5X - 28$$

$$\textcircled{17} \quad 4W^2 + 4Wz + 3Wz + 3z^2$$

$$4W^2 + 7Wz + 3z^2$$

$$(18) \quad x(x+2)$$

$$(19) \quad b(b^2+2b+5)$$

$$(20) \quad 2a(a+2)$$

$$(21) \quad 3x(3x+5)$$

$$(22) \quad 4ab(3a+4b)$$

$$(23) \quad (x+8)^2$$

$$(24) \quad (x+5)^2$$

$$(25) \quad (k+m)(k-m)$$

$$(26) \quad (6x-7y)(6x+7y)$$

$$(27) (x-4)(x-3)$$

$$x=4$$

$$x=3$$

$$(28) (x+3)(x-12)$$

$$x=-3$$

$$x=12$$

$$(29) (y+6)(y-3)$$

$$y=-6$$

$$y=3$$

$$(30) (k-9)(k-1)$$

$$k=9$$

$$k=1$$

$$(31) (3x-8)(3x+8)$$

$$\begin{array}{r} 3x-8=0 \\ +8 \quad +8 \\ \hline 3x=8 \\ \frac{3x}{3}=8 \\ x=8/3 \end{array}$$

$$\begin{array}{r} 3x+8=0 \\ -8 \quad -8 \\ \hline 3x=-8 \\ \frac{3x}{3}=-8/3 \\ x=-8/3 \end{array}$$