

احسب بتمعن العبارات التالية.

$$A_{35} = (-3)^2 \times (2 + 1 - 2)$$

$$A_{36} = 2 \times ((-1)^2 + 3 \times (-1))$$

$$A_{37} = -7 + 3^2 \times (-2)$$

$$A_{38} = (-1)^2 \times (-5 - 1 - 7)$$

$$A_{39} = 1^2 + (-5) \times (-5)$$

$$A_{40} = (-4)^2 - 3 + 5 \times 7$$

$$A_{41} = (-1)^2 \times (3 - 3)$$

$$A_{42} = (-5 + 1 + (-2)^2) \times 3$$

$$A_{43} = (-3)^2 + 1 \times (-3)$$

$$A_{44} = (-3)^2 \times (-1 - 5 - 2)$$

$$A_{45} = (-6)^2 + 2 + 4 \times (-2)$$

$$A_{46} = 4 + 2^2 \times (-7)$$

$$A_{47} = (-5 - 4 + (-3)^2) \times (-6)$$

$$A_{48} = (-3)^2 \times (1 + 2)$$

$$A_{49} = 1 \times ((-3)^2 + 2 \times (-3))$$

$$A_{50} = (-3)^2 \times (-4 + 6)$$

$$A_{18} = (-3)^2 \times (1 + 2)$$

$$A_{19} = -2 \times ((-1)^2 + 1 \times (-1))$$

$$A_{20} = 7^2 + 1 \times (-5)$$

$$A_{21} = 1 + 3^2 \times 3$$

$$A_{22} = (-1)^2 \times (3 - 1)$$

$$A_{23} = (-1)^2 \times (-3 - 7 - 1)$$

$$A_{24} = 5^2 + 5 + 6 \times 7$$

$$A_{25} = (-3)^2 + (-5) \times 5$$

$$A_{26} = -5 \times ((-1)^2 + 3 \times (-1))$$

$$A_{27} = (-4 - 4 + (-1)^2) \times 6$$

$$A_{28} = 1 + 2^2 \times (-6)$$

$$A_{29} = -1 + 2^2 \times 2$$

$$A_{30} = 5 \times ((-3)^2 + 1 \times (-3))$$

$$A_{31} = (-1)^2 \times (7 + 5)$$

$$A_{32} = (7 + 5 + (-3)^2) \times 7$$

$$A_{33} = 4^2 + 4 + 6 \times 7$$

$$A_{34} = (-7)^2 + 5 \times (-2)$$

$$A_1 = -2 + 3^2 \times 2$$

$$A_2 = (-2)^2 + 7 + 7 \times (-2)$$

$$A_3 = (-1)^2 \times (-7 + 2 - 2)$$

$$A_4 = (2 + 1 + (-2)^2) \times (-1)$$

$$A_5 = (-3)^2 \times (-4 - 4)$$

$$A_6 = 1 \times ((-3)^2 + 1 \times (-3))$$

$$A_7 = 7^2 + 1 \times (-2)$$

$$A_8 = -1 + 2^2 \times 6$$

$$A_9 = 1^2 + 6 \times 6$$

$$A_{10} = (2 + 7 + (-1)^2) \times (-3)$$

$$A_{11} = (-3)^2 \times (7 + 6 - 2)$$

$$A_{12} = -4 \times ((-3)^2 + 3 \times (-3))$$

$$A_{13} = 4^2 + 5 + 7 \times (-5)$$

$$A_{14} = (-2)^2 \times (6 - 7)$$

$$A_{15} = (-3)^2 \times (-2 + 3 - 1)$$

$$A_{16} = (6 + 6 + (-3)^2) \times 3$$

$$A_{17} = 4^2 - 1 + 3 \times (-3)$$

## المحلل

$$A_{18} = (-3)^2 \times (1 + 2)$$

$$= 9 \times (1 + 2)$$

$$= 9 \times 3$$

$$A_{18} = 27$$

$$A_{19} = -2 \times ((-1)^2 + 1 \times (-1))$$

$$= -2 \times (1 + 1 \times (-1))$$

$$= -2 \times (1 - 1)$$

$$= -2 \times 0$$

$$A_{19} = 0$$

$$A_{20} = 7^2 + 1 \times (-5)$$

$$= 49 + 1 \times (-5)$$

$$= 49 - 5$$

$$A_{20} = 44$$

$$A_{21} = 1 + 3^2 \times 3$$

$$= 1 + 9 \times 3$$

$$= 1 + 27$$

$$A_{21} = 28$$

$$A_{22} = (-1)^2 \times (3 - 1)$$

$$= 1 \times (3 - 1)$$

$$= 1 \times 2$$

$$A_{22} = 2$$

$$A_{23} = (-1)^2 \times (-3 - 7 - 1)$$

$$= 1 \times (-3 - 7 - 1)$$

$$= 1 \times (-11)$$

$$A_{23} = -11$$

$$A_{24} = 5^2 + 5 + 6 \times 7$$

$$= 25 + 5 + 6 \times 7$$

$$= 25 + 5 + 42$$

$$A_{24} = 72$$

$$A_{25} = (-3)^2 + (-5) \times 5$$

$$= 9 + (-5) \times 5$$

$$= 9 - 25$$

$$A_{25} = -16$$

$$A_9 = 37$$

$$A_{10} = (2 + 7 + (-1)^2) \times (-3)$$

$$= (2 + 7 + 1) \times (-3)$$

$$= 10 \times (-3)$$

$$A_{10} = -30$$

$$A_{11} = (-3)^2 \times (7 + 6 - 2)$$

$$= 9 \times (7 + 6 - 2)$$

$$= 9 \times 11$$

$$A_{11} = 99$$

$$A_{12} = -4 \times ((-3)^2 + 3 \times (-3))$$

$$= -4 \times (9 + 3 \times (-3))$$

$$= -4 \times (9 - 9)$$

$$= -4 \times 0$$

$$A_{12} = 0$$

$$A_{13} = 4^2 + 5 + 7 \times (-5)$$

$$= 16 + 5 + 7 \times (-5)$$

$$= 16 + 5 - 35$$

$$A_{13} = -14$$

$$A_{14} = (-2)^2 \times (6 - 7)$$

$$= 4 \times (6 - 7)$$

$$= 4 \times (-1)$$

$$A_{14} = -4$$

$$A_{15} = (-3)^2 \times (-2 + 3 - 1)$$

$$= 9 \times (-2 + 3 - 1)$$

$$= 9 \times 0$$

$$A_{15} = 0$$

$$A_{16} = (6 + 6 + (-3)^2) \times 3$$

$$= (6 + 6 + 9) \times 3$$

$$= 21 \times 3$$

$$A_{16} = 63$$

$$A_{17} = 4^2 - 1 + 3 \times (-3)$$

$$= 16 - 1 + 3 \times (-3)$$

$$= 16 - 1 - 9$$

$$A_{17} = 6$$

$$A_1 = -2 + 3^2 \times 2$$

$$= -2 + 9 \times 2$$

$$= -2 + 18$$

$$A_1 = 16$$

$$A_2 = (-2)^2 + 7 + 7 \times (-2)$$

$$= 4 + 7 + 7 \times (-2)$$

$$= 4 + 7 - 14$$

$$A_2 = -3$$

$$A_3 = (-1)^2 \times (-7 + 2 - 2)$$

$$= 1 \times (-7 + 2 - 2)$$

$$= 1 \times (-7)$$

$$A_3 = -7$$

$$A_4 = (2 + 1 + (-2)^2) \times (-1)$$

$$= (2 + 1 + 4) \times (-1)$$

$$= 7 \times (-1)$$

$$A_4 = -7$$

$$A_5 = (-3)^2 \times (-4 - 4)$$

$$= 9 \times (-4 - 4)$$

$$= 9 \times (-8)$$

$$A_5 = -72$$

$$A_6 = 1 \times ((-3)^2 + 1 \times (-3))$$

$$= 1 \times (9 + 1 \times (-3))$$

$$= 1 \times (9 - 3)$$

$$= 1 \times 6$$

$$A_6 = 6$$

$$A_7 = 7^2 + 1 \times (-2)$$

$$= 49 + 1 \times (-2)$$

$$= 49 - 2$$

$$A_7 = 47$$

$$A_8 = -1 + 2^2 \times 6$$

$$= -1 + 4 \times 6$$

$$= -1 + 24$$

$$A_8 = 23$$

$$A_9 = 1^2 + 6 \times 6$$

$$= 1 + 6 \times 6$$

$$= 1 + 36$$

$$\begin{aligned} A_{44} &= (-3)^2 \times (-1 - 5 - 2) \\ &= 9 \times (-1 - 5 - 2) \\ &= 9 \times (-8) \end{aligned}$$

$$A_{44} = -72$$

$$\begin{aligned} A_{45} &= (-6)^2 + 2 + 4 \times (-2) \\ &= 36 + 2 + 4 \times (-2) \\ &= 36 + 2 - 8 \end{aligned}$$

$$A_{45} = 30$$

$$\begin{aligned} A_{46} &= 4 + 2^2 \times (-7) \\ &= 4 + 4 \times (-7) \\ &= 4 - 28 \end{aligned}$$

$$A_{46} = -24$$

$$\begin{aligned} A_{47} &= (-5 + (-4) + (-3)^2) \times (-6) \\ &= (-5 - 4 + 9) \times (-6) \\ &= 0 \times (-6) \end{aligned}$$

$$A_{47} = 0$$

$$\begin{aligned} A_{48} &= (-3)^2 \times (1 + 2) \\ &= 9 \times (1 + 2) \\ &= 9 \times 3 \end{aligned}$$

$$A_{48} = 27$$

$$\begin{aligned} A_{49} &= 1 \times ((-3)^2 + 2 \times (-3)) \\ &= 1 \times (9 + 2 \times (-3)) \\ &= 1 \times (9 - 6) \\ &= 1 \times 3 \end{aligned}$$

$$A_{49} = 3$$

$$\begin{aligned} A_{50} &= (-3)^2 \times (-4 + 6) \\ &= 9 \times (-4 + 6) \\ &= 9 \times 2 \end{aligned}$$

$$A_{50} = 18$$

$$\begin{aligned} A_{35} &= (-3)^2 \times (2 + 1 - 2) \\ &= 9 \times (2 + 1 - 2) \\ &= 9 \times 1 \end{aligned}$$

$$A_{35} = 9$$

$$\begin{aligned} A_{36} &= 2 \times ((-1)^2 + 3 \times (-1)) \\ &= 2 \times (1 + 3 \times (-1)) \\ &= 2 \times (1 - 3) \\ &= 2 \times (-2) \end{aligned}$$

$$A_{36} = -4$$

$$\begin{aligned} A_{37} &= -7 + 3^2 \times (-2) \\ &= -7 + 9 \times (-2) \\ &= -7 - 18 \end{aligned}$$

$$A_{37} = -25$$

$$\begin{aligned} A_{38} &= (-1)^2 \times (-5 - 1 - 7) \\ &= 1 \times (-5 - 1 - 7) \\ &= 1 \times (-13) \end{aligned}$$

$$A_{38} = -13$$

$$\begin{aligned} A_{39} &= 1^2 + (-5) \times (-5) \\ &= 1 + (-5) \times (-5) \\ &= 1 + 25 \end{aligned}$$

$$A_{39} = 26$$

$$\begin{aligned} A_{40} &= (-4)^2 - 3 + 5 \times 7 \\ &= 16 - 3 + 5 \times 7 \\ &= 16 - 3 + 35 \end{aligned}$$

$$A_{40} = 48$$

$$\begin{aligned} A_{41} &= (-1)^2 \times (3 - 3) \\ &= 1 \times (3 - 3) \\ &= 1 \times 0 \end{aligned}$$

$$A_{41} = 0$$

$$\begin{aligned} A_{42} &= (-5 + 1 + (-2)^2) \times 3 \\ &= (-5 + 1 + 4) \times 3 \\ &= 0 \times 3 \end{aligned}$$

$$A_{42} = 0$$

$$\begin{aligned} A_{43} &= (-3)^2 + 1 \times (-3) \\ &= 9 + 1 \times (-3) \\ &= 9 - 3 \end{aligned}$$

$$A_{43} = 6$$

$$\begin{aligned} A_{26} &= -5 \times ((-1)^2 + 3 \times (-1)) \\ &= -5 \times (1 + 3 \times (-1)) \\ &= -5 \times (1 - 3) \\ &= -5 \times (-2) \end{aligned}$$

$$A_{26} = 10$$

$$\begin{aligned} A_{27} &= (-4 + (-4) + (-1)^2) \times 6 \\ &= (-4 - 4 + 1) \times 6 \\ &= -7 \times 6 \end{aligned}$$

$$A_{27} = -42$$

$$\begin{aligned} A_{28} &= 1 + 2^2 \times (-6) \\ &= 1 + 4 \times (-6) \\ &= 1 - 24 \end{aligned}$$

$$A_{28} = -23$$

$$\begin{aligned} A_{29} &= -1 + 2^2 \times 2 \\ &= -1 + 4 \times 2 \\ &= -1 + 8 \end{aligned}$$

$$A_{29} = 7$$

$$\begin{aligned} A_{30} &= 5 \times ((-3)^2 + 1 \times (-3)) \\ &= 5 \times (9 + 1 \times (-3)) \\ &= 5 \times (9 - 3) \\ &= 5 \times 6 \end{aligned}$$

$$A_{30} = 30$$

$$\begin{aligned} A_{31} &= (-1)^2 \times (7 + 5) \\ &= 1 \times (7 + 5) \\ &= 1 \times 12 \end{aligned}$$

$$A_{31} = 12$$

$$\begin{aligned} A_{32} &= (7 + 5 + (-3)^2) \times 7 \\ &= (7 + 5 + 9) \times 7 \\ &= 21 \times 7 \end{aligned}$$

$$A_{32} = 147$$

$$\begin{aligned} A_{33} &= 4^2 + 4 + 6 \times 7 \\ &= 16 + 4 + 6 \times 7 \\ &= 16 + 4 + 42 \end{aligned}$$

$$A_{33} = 62$$

$$\begin{aligned} A_{34} &= (-7)^2 + 5 \times (-2) \\ &= 49 + 5 \times (-2) \\ &= 49 - 10 \end{aligned}$$

$$A_{34} = 39$$