## Coordinates Advent Calendar

Join up each short set of coordinates every day over Advent to create a Christmas picture.

| Join these up as you plot them. What shape <br> does this make? |  |  |
| :--- | :--- | :--- | :--- |
| 1 st | $(-7,7)(-8,6)(-9,6) \quad(-8,5)$ |  |
| 2nd | $(-9,4)(-8,4)(-7,3)(-6,4)$ |  |
| 3 rd | $(-5,4)(-6,5)(-5,6)(-6,6)$ |  |


| Join these up as you plot them. What shape <br> does this make? |  |
| :--- | :--- | :--- |
| 4th | $(0,3)(-3,1) \quad(-1,1) \quad(-4,-1)$ |
| 5 th | $(-2,-1) \quad(-5,-3) \quad(-3,-3)(-6 .-5)$ |
| 6th | $(-4,-5)(-7 .-8) \quad(-2,-8)(-2,-10)$ |
| 7 th | $(3,1)(1,1)(4,-1)(2,-1)$ |
| 8 th | $(5,-3) \quad(3,-3) \quad(6,-5) \quad(4 .-5)$ |
| 9 th | $(7,-8)(2,-8)(2,-10)$ |


| Join each day's coordinates individually. |  |
| :--- | :--- |
| 16 th | $(7,-8)(7,-9)(8,-9)(8,-8)$ |
| 17 th | $(-7,-8)(-8,-8)(-8,-9)(-7,-9)$ |
| 18 th | $(6,-5)(7,-5)(7,-6)(6,-6)$ |
| 19 th | $(4,-1)(5,-1)(5,-2)(4,-2)$ |
| 20 th | $(-5,-3)(-6,-3)(-6,-4)(-5,-4)$ |
| 21 st | $(-4,-1)(-4,-2)(-5,-2)(-5,-1)$ |


| Join these points to add to the picture. |  |
| :--- | :--- |
| 22 nd | $(8,6)(10,5)(9,5)(9,4)(10,3)$ |
| 23 rd | $(9,3)(8,2)(7,3)(6,3)$ |
| 24 th | $(7,4)(6,5)(7,5)$ |


| Join these up as you plot them. |  |
| :--- | :--- |
| 10th | $(1,10)(0,8)(-2,7)(0,6)$ |
| 11th | $(1,4)(2,6)(4,7)(2,8)$ |


| Join these up as you plot them. |  |
| :--- | :--- |
| 12 th | $(-6,-10) \quad(-6,-8)(-4,-8) \quad(-4,-10)$ |
| 13 th | $(-5,-8) \quad(-5,-10)$ Don't join these <br> points to the next 2 coordinates! <br> $(-6,-9)(-4,-9)$ |
| 14 th | $(3,-8)(5,-8)(5,-10)(3,-10)$ |
| 15 th | $(4,-8)(4,-10)$ Don't join these <br> points to the next 2 coordinates! <br> $(3,-9)(5,-9)$ |



## Coordinates Advent Calendar



## Coordinates Advent Calendar Answers



