

Christmas Coordinates

Draw the shapes made by these coordinates:

$(7,4)$ $(8,6)$ $(10,7)$ $(8,8)$ $(7,10)$ $(6,8)$ $(4,7)$ $(6,6)$ $(7,4)$

$(8,1)$ $(5,4)$ $(-6,4)$ $(-9,1)$ $(8,1)$

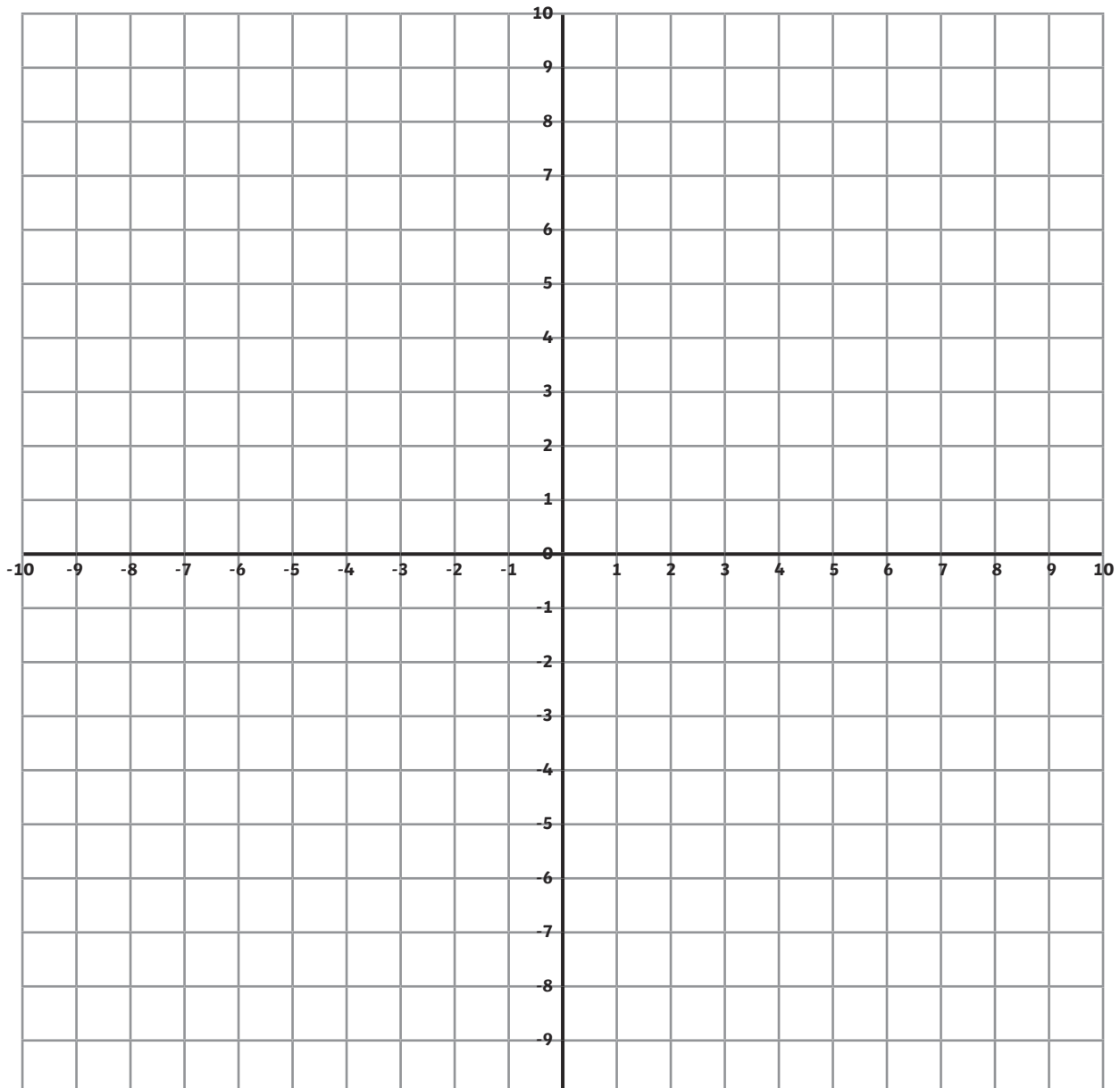
$(7,1)$ $(-8,1)$ $(-8,-7)$ $(7,-7)$ $(7,1)$

$(0,-7)$ $(0,-1)$ $(-7,-1)$ $(-7,-7)$ $(0,-7)$

$(-2,-5)$ $(-6,-5)$ $(-5,-6)$ $(-3,-6)$ $(-2,-5)$

$(-5,-7)$ $(-5,-6)$ $(-3,-6)$ $(-3,-7)$ $(-5,-7)$

What scene is described by the all the shapes drawn?



Christmas Coordinates

Draw the shapes made by these coordinates:

Tree:

(0,9) (5,6) (2,6) (7,3) (4,3) (9,0) (5,0) (10,-3) (5,-3) (10,-6) (-10,-6) (-5,-3) (-10,-3) (-5,0)
(-9,0) (-4,3) (-7,3) (-2,6) (-5,6) (0,9)

Trunk:

(1,-6) (1,-7) (-1,-7) (-1,-6) (1,-6)

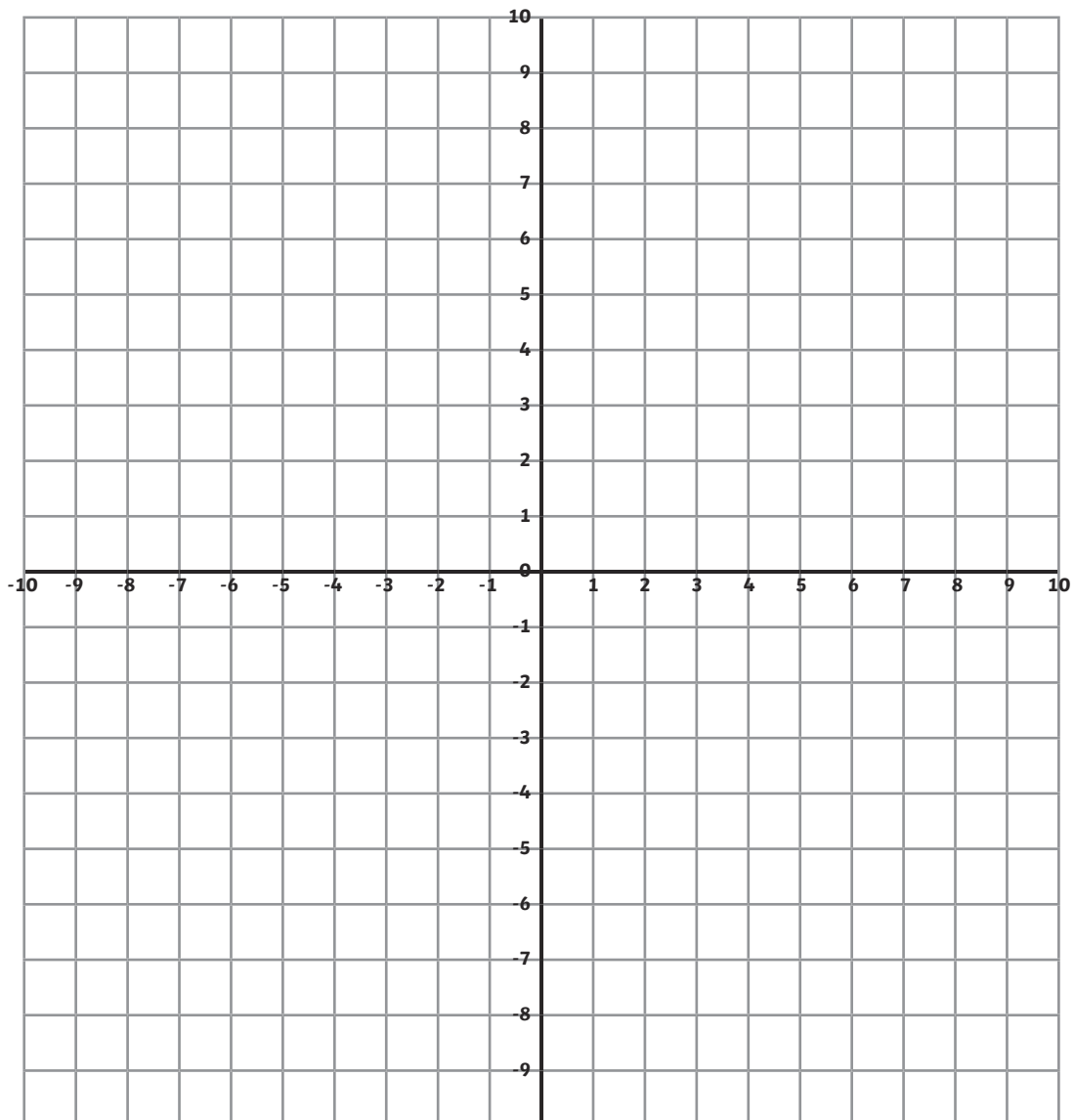
Pot:

(2,-7) (1,-10) (-1,-10) (-2,-7) (2,-7)

Tinsel (do not join it up):

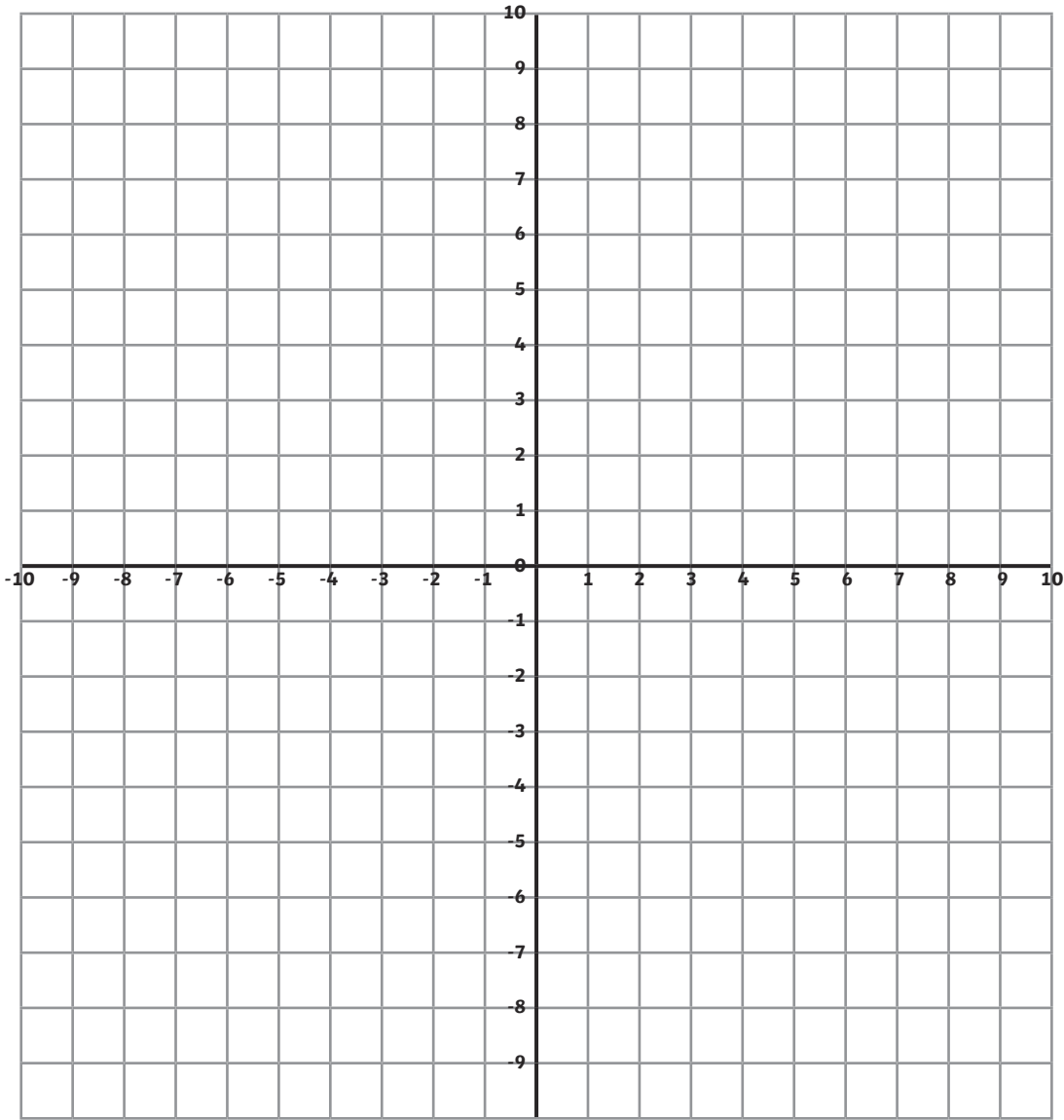
(-2,8) (2,6) (-4,5) (5,4) (-6,2) (5,0) (-7,-1) (5,3) (-7,-4) (8,-5)

Draw your own baubles on the tree (centred on a grid point) and write the coordinates below:



Christmas Coordinates

Here is a full coordinates grid for you to make your own picture. Write the coordinates of your drawing for a partner.



Christmas Coordinates: Answers

Draw the shapes made by these coordinates:

(7,4) (8,6) (10,7) (8,8) (7,10) (6,8) (4,7) (6,6) (7,4)

(8,1) (5,4) (-6,4) (-9,1) (8,1)

(7,1) (-8,1) (-8,-7) (7,-7) (7,1)

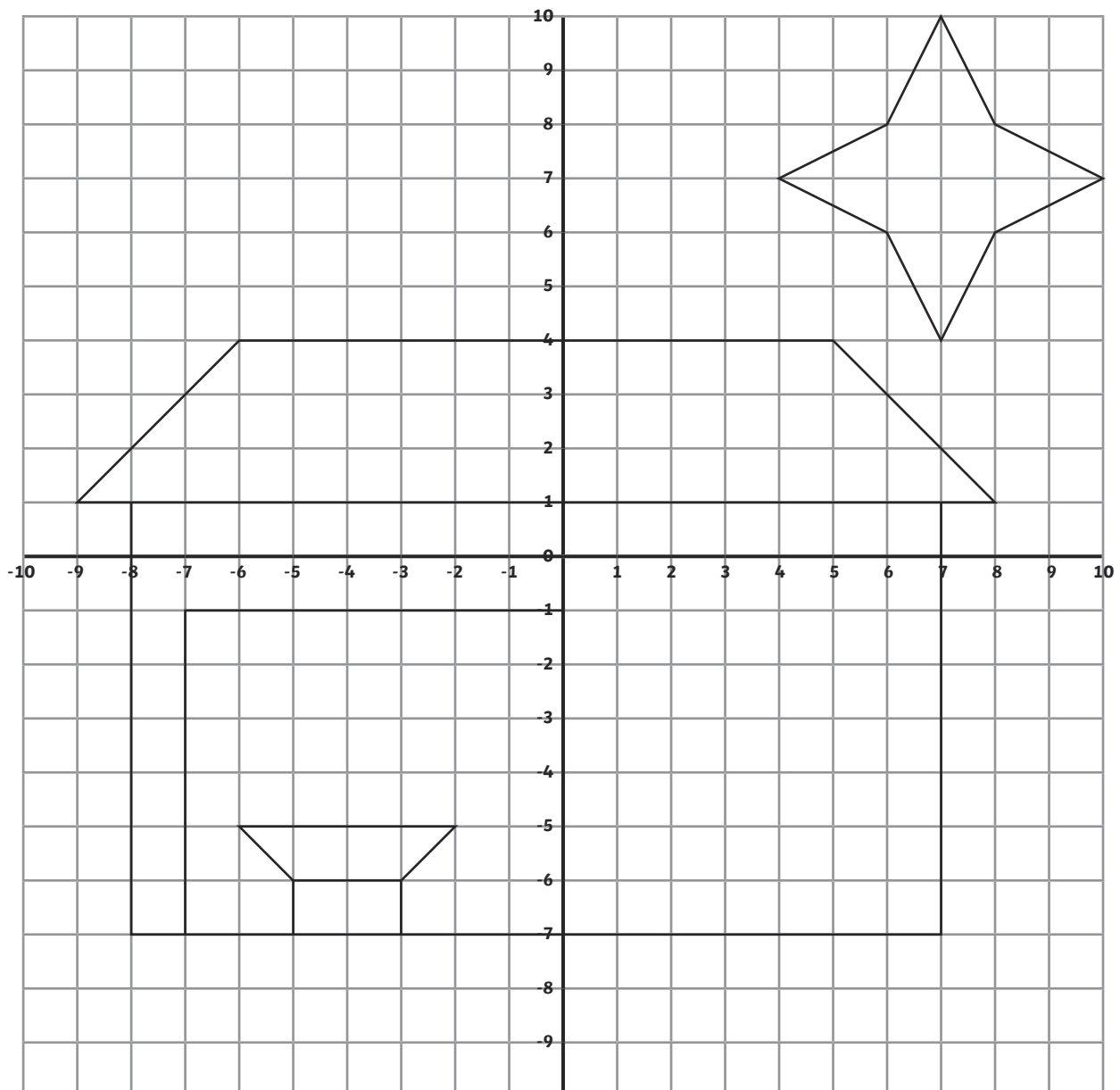
(0,-7) (0,-1) (-7,1) (-7,-7) (0,-7)

(-2,-5) (-6,-5) (-5,-6) (-3,-6) (-2,-5)

(-5,-7) (-5,-6) (-3,-6) (-3,-7) (-5,-7)

What scene is described by the all the shapes drawn?

The stable from the Nativity scene.



Christmas Coordinates: Answers

Draw the shapes made by these coordinates:

Tree:

(0,9) (5,6) (2,6) (7,3) (4,3) (9,0) (5,0) (10,-3) (5,-3) (10,-6) (-10,-6) (-5,-3) (-10,-3) (-5,0) (-9,0) (-4,3) (-7,3) (-2,6) (-5,6) (0,9)

Trunk:

(1,-6) (1,-7) (-1,-7) (-1,-6) (1,-6)

Pot:

(2,-7) (1,-10) (-1,-10) (-2,-7) (2,-7)

Tinsel (do not join it up):

(-2,8) (2,6) (-4,5) (5,4) (-6,2) (5,0) (-7,-1) (5,3) (-7,-4) (8,-5)

Draw your own baubles on the tree (centred on a grid point) and write the coordinates below:

