

EXTRA TASK SHEET

CHAPTER 18 - LOCATION



1

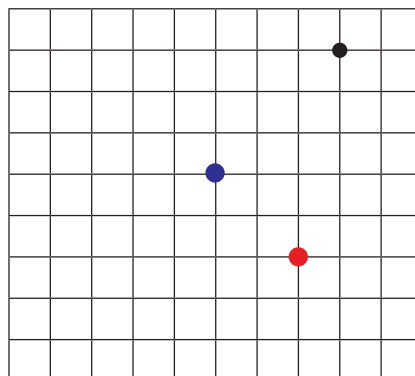
DRAW MY PICTURE

- a On a piece of grid paper mark the three dots as shown.



• grid paper

- b Find the picture that is drawn by following these directions.



Starting at the red dot

- | | |
|---------------------------------|---------------------------------|
| 1 East 2 squares | 11 East 4 squares |
| 2 South West through 2 squares | 12 North 1 square |
| 3 West 4 squares | 13 North West through 1 square |
| 4 North West through 2 squares | 14 East 2 squares |
| 5 East 2 squares | 15 South East through 1 square |
| 6 North West through 1 square | 16 East 1 square |
| 7 North 2 squares | 17 South West through 2 squares |
| 8 North West through 2 squares | 18 South 2 squares |
| 9 North East through 1 square | 19 South West through 1 square |
| 10 South East through 2 squares | 20 West 4 squares |

Starting at the blue dot

- | | |
|-------------------------------|------------------|
| 1 West 2 squares | 3 East 2 squares |
| 2 South East through 1 square | 4 North 1 square |



- c Each of you creates a picture on a grid and a set of instructions like those above to draw it. Make sure to mark the starting point for the drawing. Swap instructions and draw each other's pictures on a grid.

Variation

Give the grid a scale, for example if one square is equivalent to 500 m an approximate measure for the diagonal will be about 700 m, and give instructions using measures instead of numbers of squares to move.

For example: North West 1.4 km instead of North West through 2 squares.

- d **Extension**

Draw the pictures on paper without a grid.

Give your drawing a scale.

For example: 1 cm represents 2 km, and write a series of directions using compass points and distances.

Swap instructions and draw each other's pictures.