



COMPASSES ZOO

## GRAPH PAPER FOR COMPASSES ANIMALS

### INSTRUCTIONS

Print a copy of this graph paper and draw a “compassed” animal by following my instructions.

You’ll notice that the graph paper, which already has some details of the animal drawn on it, is divided down the middle. This line will help you better determine the distance between symmetrical points (points that are the same distance to the left and right of the centre).

The large crosses on the drawing indicate where you need to place the point of your compass.

On the right side of the drawing, on the same horizontal line as the crosses, you’ll see some numbers that indicate how many centimetres you should open up your compass to draw each circle.

Before the numbers you’ll find either one small cross or two small crosses right next to each other. If there are two of them, then draw two identical circles, one to the left and one to the right of the vertical dividing line. If there is only one cross, then there is only one point on the horizontal line and you only need to draw one circle.

The circled numbers in bold print indicate the size of the circles that need to be drawn completely (closed). I suggest that you draw these circles first, because they are the basis for the structure of the animal.

The other circles should not be closed entirely. However, if you are using a compass with a pencil instead of a pen, you can close the circles then go back and erase the unnecessary parts later by using the image of the animal at the top right corner of the graph paper as a guideline.

Have fun!

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