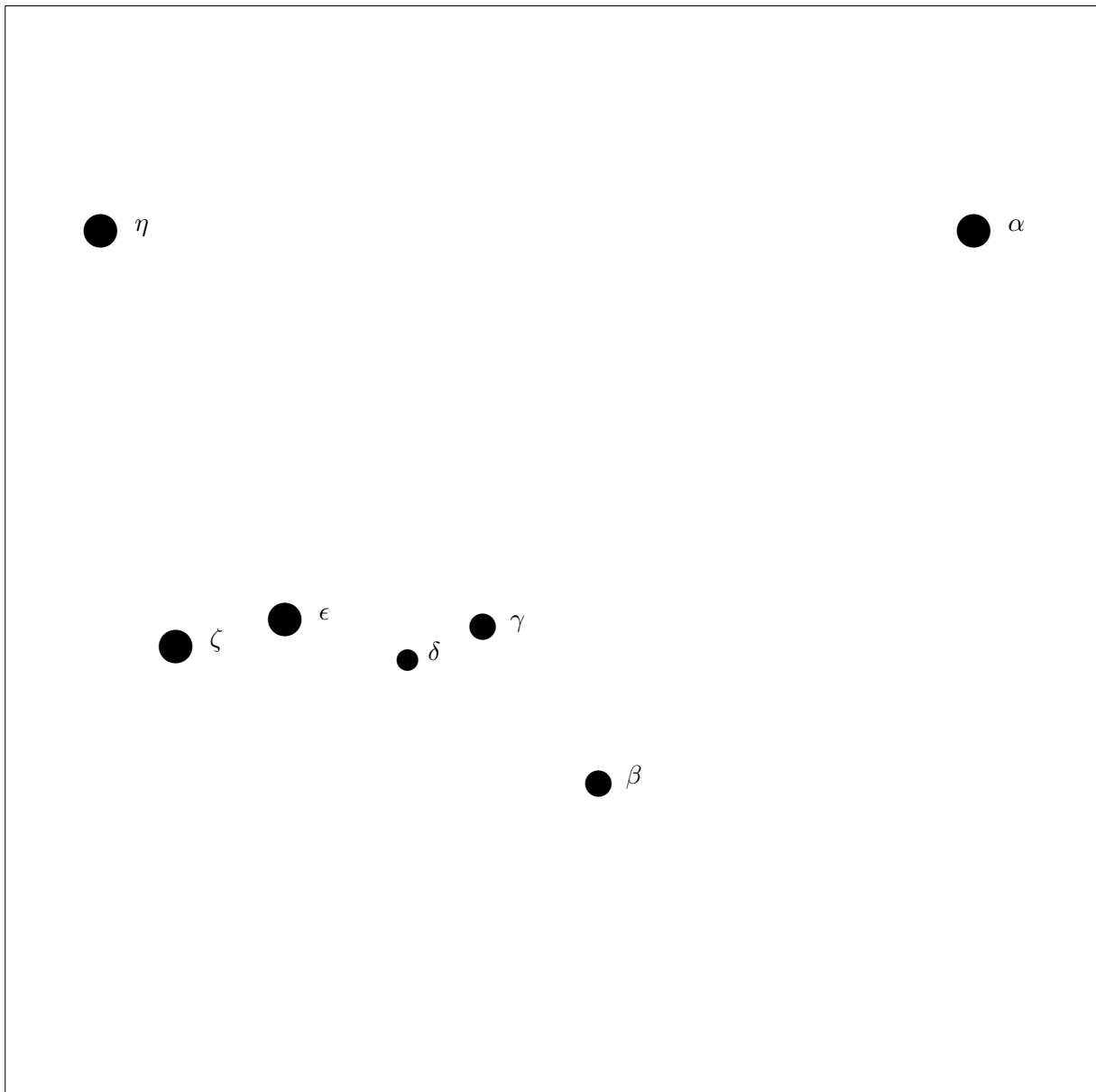


7DGr Plough Model: 1 February, 2011
A.C. NORMAN, Bishop Heber High School

Here is the information you need to make a model of the plough constellation¹. You will need the x and y values only if you want to make your own model at home; in class, you can use the template below. Start by sticking it onto a piece of card of the same size.

	Name	z / mm	Size / mm	x / mm	y / mm
α	Dubhe	137	7	142	127
β	Merak	84	6	87	46
γ	Phecda	80	6	70	69
δ	Megrez	92	5	59	64
ϵ	Alioth	94	7	41	70
ζ	Mizar	94	7	25	66
η	Alkaid	96	7	14	127



¹Strictly speaking, the plough is an asterism, meaning that it is a group of stars in a pattern, but not actually one of the constellations (the plough is actually a part of the larger constellation of *ursa major*, Latin for “larger bear”).