**4B Sketching Quartic Graphs**

1. Sketch the curve:

$$y=\left(x+1\right)\left(x+2\right)\left(x-1\right)\left(x-2\right)$$

x

y

1. Sketch the curve:

$$y=x\left(x+2\right)^{2}(3-x)$$

x

y

1. Sketch the curve:

$$y=\left(x-1\right)^{2}\left(x-3\right)^{2}$$

x

y