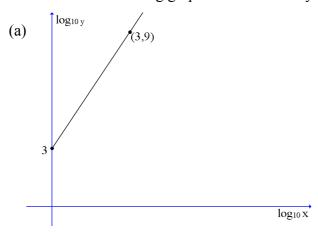
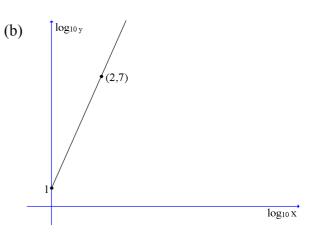
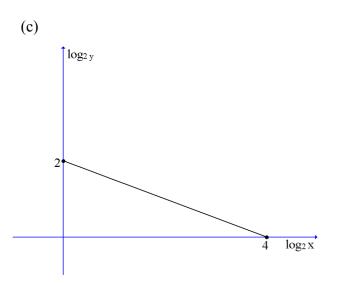
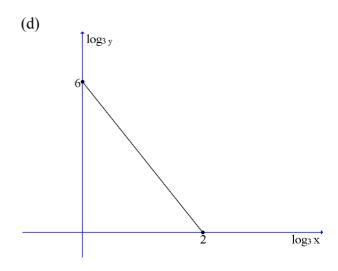
## Experimental data

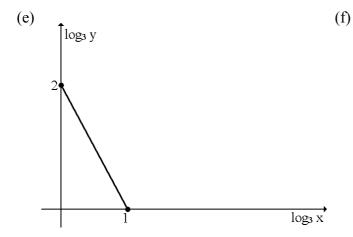
1. Each of the following graphs is of the form  $y = kx^n$ . Find k and n.

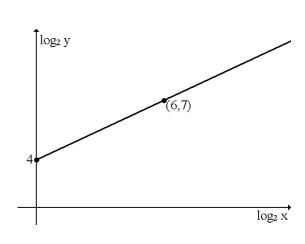


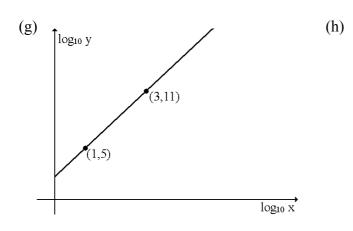


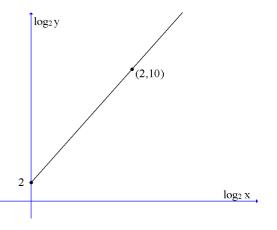












2. Each of the following is of the form  $y = ab^x$ . Find a and b. log<sub>10</sub> y log<sub>10</sub> y (a) (b) (4,6) log<sub>2</sub> y log<sub>3</sub> y (c) (d) (3,9) X log<sub>10</sub> y log<sub>2</sub> y (e) (f) X X log<sub>10</sub> y (g) (h) log2 y 4  $\overrightarrow{x}$