## Challenge 295 : Teapot Trading

A shop has been selling 50 teapots a week at $£ 25$ each. Some market research indicates that for each $£ 2$ reduction in the price of the teapot, the number sold will increase by 5 each week.

Assuming that this information is reliable, what should the price of these teapots be in order to maximise the weekly takings they bring in?

