

Question 5 continued

For your convenience Table 1 is repeated here.

p	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
Power	0.93	0.82	r	0.53	0.38	0.26	s	0.10

Table 1

- (d) On the axes below draw the graph of the power function for the statistician's test. (2)
- (e) Find the range of values of p for which the probability of accepting the coin as unbiased, when in fact it is biased, is less than or equal to 0.4 (3)





