## Quiz on 7.3: Probability calculations

1. Mr. Smith, a short order chef, estimates that the probability that a customer will order a burger (at least) as 60%, and the probability that a customer will order breakfast (or more) as 20%. If he estimates that 70% of customers order burgers or breakfast, as what should he estimate the probability of a customer ordering both?

2. A survey of cat aficion ados found that 44% cohabitate with less than 2 cats, 58% cohabitate with less than 3 cats, and 10% cohabitate with 4 or more cats.

(a) What percentage of cat afficient of surveyed) cohabitate with 2 or 3 cats?

(b) What percentage cohabitate with exactly 2 cats?