1. Each customer who attends a spa day can choose a free gift.

   The table shows the probability that a customer chosen at random will chose a towel or a bathrobe or a spa slippers.

Free gift	towel	bathrobe	spa slippers	wash bag
Probability	0.17	0.36	0.4	

   (a) A customer is chosen at random.
   Work out the probability that the customer will choose a free wash bag gift.

   (a) ....

   The spa is going to buy 400 more free gifts.

   (b) Work out an estimate for the number of bathrobes they should buy.

   (b) ....

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probabilitySingle (14) answers Q1: (a) 0.07 (b) 144   Q2: 22,   Q3: 90

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2. The probability that a biased dice will land on a two is 0.11

   Dejana is going to roll the dice 200 times.

   Work out an estimate of the number of times the dice will land on a two.

   2. . . . .

3. Ashlyn plays a game.

   The probability that she will lose the game is 0.16
   The probability that she will win the game is 0.66

   Ashlyn is going to play the game 500 times.

   Work out an estimate of the number of times Ashlyn will draw the game.

   3. . . . .