Complementary Events

Write the complement to these events. 1 It will rain all day today.	Use complementary events to answer some of these questions.
2 This team has no chance of winning the final.	In the word HYPOTENUSE, find the fraction for:
3 It is unlikely this car will break down.	8 $P(vowel) = 9 P(\widetilde{O,T,E}) = 9$
4 The train is certain to arrive on time.	
5 Its likely my next pizza will have mushrooms.	
A fund-raising raffle has sold 100 tickets which	
are numbered 1 to 100, one ticket is chosen, find the probability the ticket:	A coffee shop critic finds coffee could be too hot,
10 Will be numbered 70 or more.	and $P(\text{cold}) = 0.06$. Find as a percentage:
11 Won't be 57.	14 P(Hot) = 15 P(Perfect) =
12 Will have a 5 as its last digit.	16 P(Cold) = 17 P(Perfect) =
13 Won't end in zero.	$ \begin{array}{c} 18 \text{ P(Cold)} + \text{P(Cold)} = \\ \hline 19 \text{ P(Perfect)} - \text{P(Cold)} + \text{P(Hot)} = \\ \end{array} $
A fair die is rolled. Find the probability, as a	Peter, Anne, Jerry and Deb are in a foot race. The
fraction, for the following: $ 23 P(2) = \frac{24}{100} P(7) = \frac{100}{100} $	odds of winning the event are: P(Peter) = 0.1, P(Anne) = 0.27. If Jerry is twice as likely to win when compared with Deb. Find the chance of:
	31 Deb winning.
25 P(1, 5) = 26 P(Odd) =	32 One of the boys winning.
27 p(p-i)	33 Anne not winning.
27 $P(Prime) = $	34 Jerry or Anne not winning.
29 $P(\widetilde{0}) = \frac{1}{20} = \frac{1}{20$	