

Clarifications for questions on MATH150 practice final exam.

8. A survey revealed that 27% of people are entertained by reading books, 48% are entertained by watching TV, and 25% are entertained by both books and TV. What is the probability that a person will be entertained by either books or TV? Express the answer as a percentage.
A) 46% B) 50% C) 75% D) 100%

45. Shade the Venn diagram to represent the set. $(A \cup B \cup C)'$

59. Find the expected value for the random variable x having this probability function.

x	20	25	30
$P(x)$	0.2	0.5	0.3

- A) 27.5 B) 25.5 C) 25 D) 22.5