

# Probability of Multiple events

pg 691: 32-46, 50-54 events

32.  $\frac{2}{5} = 40\%$

33. 16.5% (typo in textbook)

34. 41.3%

35. 87.6% (typo in textbook)

36. 58.7%

38.  $\frac{4}{15}$

50. 6720

40.  $\frac{1}{15}$

52.  $\frac{1}{2}$

42. mutually exclusive

54.  $\frac{3}{7}$

44a)  $\frac{2}{x+2}$

b)  $\frac{x-3}{2x-1}$

c)  $\frac{x-1}{2x-1}$

46.  $\frac{1}{3}$