

10.3 pg. 70 # ~~1-3~~ 5-17 odd, 21-31 odd, 35, 39, 41

5.) $\frac{7}{50}$

7.) 1, 2, 3, ~~5~~, 6, 10, 15, 25, 30, 50

9.) $\frac{41}{50}$

$\frac{10}{50} = \frac{1}{5}$

11.) $\frac{1}{52}$

13.) $\frac{1}{4}$

15.) $\frac{48}{52} = \frac{12}{13}$

17.) $\frac{1}{48C_6} = \frac{1}{12,271,512}$

21.) $\frac{6}{28} = \frac{3}{14}$

23.) $\frac{18}{10} = \frac{9}{5}$

25.) The fraction should be flipped.

$\frac{4}{2} = \frac{2}{1}$

27.) $\frac{3}{7}$; Since $P(A) = .3$, there is a 3 out of 10 chance of it occurring.

So # in favor is 3 and # against is $10 - 3 = 7$.

29.) $\frac{22+26+30}{27+22+18+26+27+30} = \frac{78}{150} = \frac{13}{25}$

31.) $\frac{132}{150} = \frac{22}{25}$

35.) $P(A) = \frac{\frac{1}{2}(10)(10)}{(10)(10)} = \frac{50}{100} = \frac{1}{2}$

39.) $P(A) = \frac{64\pi}{1600\pi} = \frac{1}{25}$

41.) a.) $\frac{367}{1631}$

b.) $\frac{770}{1631} = \frac{110}{233}$

c.) $\frac{53}{1631}$