

3. 1/12, 19, 34, 35, 36, 37, 38

12. Bet \$30 on 22, 23, 24  
a) on # 19, lose \$30  
b) on # 20 - win \$330  
c) on 0 - lose \$30
19. Bet \$50 on odds  
a) 00 - lose \$50  
b) on #5 - win \$50
34. Gombauld asked Pascal about gambling outcomes, Pascal & Fermat discussed and organized the ~~the~~ underlying principles that became the foundation of probability
35. Connections w/ gambling/gaming made the field "unrespectable"
36. John Grant } Applied probability to  
Jacob Bernoulli } fields, eg insurance  
Pierre Simon } government, econ., law  
Gregor Mendel } scientific data, genetics
37. Mendel - analyzed randomness in genetics
38. Gombauld was a gambler who proposed problems of gambling outcomes to Pascal.

