I was unable to print worksheetout Jeremiah wobb HW3 Prit = n! 6 people $\frac{P_{6,6} = 6!}{(6-6)!} = 6! = 720 \text{ La,1}$ (4-4)! = 4! = 24 ways So 24 = 1 weys 12 people & parents 6 selected 4 teachers 612,6 Cyb 12 1 8! = 28

3. 4 Jacks, 52 cords

7+12+15 +11

4.

35 people

19 Professors 26 T.A; T.A 26. 23 f. male 45

T.A + famle
11 26+23-11

38

5. $\frac{-6}{36} = \frac{1}{6} \quad 3 \text{ and } 4$ $\frac{1}{6} \quad \frac{1}{6} \quad \frac{1}$

6. hearts = 13 SUN yet 13 12.5/0) 2. 8. 2, 4, 6, 8 3 even & disks 3.71

Profits 40,000 Profits 40,000 .15 (-8000) +, 85 (90000) -1200 + 76500 \$75,300 10. PCBIA) = PCAIB) · PCB) PCA) Probability of clouds: 30%0
PCB) Probability of Poin in Jane: 10%
PCAIB) Probability clouds and rain 60% ·6 ·1 = .2 $\sqrt{2000}$

1).
A) $P(T) = \frac{60}{150} = .4$ (b) P(F) = 71 = .47 150C) P(B) = 150 - 39 = .74 150D) P(F) = 145... = .3