5.110000131
#1.
15 × 14 × 13 × 12 × 11 × 10×9×8 + number of ways
158 to assign one studen
toeach question
total distributions if there
vere no restrictions
=  0.101
4 (3 ) 1
#2- # (3 digit even integers w/2 odd first digits)
+ # (21 digit even integers w/2 add first digits)
+ #1 (5 digit even integers w/2 odd first digital)
2 add digits event digit possible chaires for other two
elastidight possible that other two
$= 5 \times 4 \times 5 + 5 \times 4 \times 5 \times 7 + 5 \times 4 \times 5 \times 7 \times 6$
100 000
The state of the s
= 0.05
P(exactly 5 m 8) = (3) (0.05) (1-0.05)
= [1.5 × 10"]
=  1.3 ×  0
#3 P(A) = P(2 dice show 411) + P(3 dice show 411)
$= (\frac{3}{2}) \times (\frac{3}{6})^2 (\frac{3}{6}) + (\frac{3}{3}) \times (\frac{3}{6})^3$
= 3 × = + 8

Probabilities