Tell whether the events are INDE	PENDENT or DEPENDENT.	(circle one)
1. You randomly choose 1 of 10 per choose one more pen.	ens from a box and replace it. Then you	INDEPENDENT or DEPENDENT
2. You roll a number cube twice.	You get a 2 an a 5.	INDEPENDENT or DEPENDENT
3. You toss a coin. If it is heads, yo	ou toss it again. If it is tails, you quit.	INDEPENDENT or DEPENDENT
4. A container has 5 black buttons, button. You return the blue button	3 white buttons and 1 blue buttons. You r and reach in again to draw out a black butto	each in and randomly draw out a blue on.
		INDEPENDENT or DEPENDENT
A tank holds 5 trout, 3 bass, and	4 perch. You catch a fish randomly.	
Use the above information to ans 5. Find P (trout, trout)	wer the following WITHOUT replaceme 6. Find P (bass and then perch)	nt. 7. Find P (perch, perch)

Assignment #2

Corrective

Use the	e above	information	to answer	the fol	lowi	ng	WITH	replace	ement.
· · ·	/	、 、					1		

8. Find P (trout, trout)

10.2 Compound Prob

9. Find P (bass and then perch)

10. Find P (2 bass)

Find each probability. Each item IS NOT REPLACED.

11. A bag contains 4 red and 5 yellow marbles. Choose a yellow one, keep it, and choose a another yellow one.

Find each probability. Each item IS REPLACED.

12. A box contains 4 red and 5 yellow marbles. Choose a yellow one, replace it, and choose a another yellow one.

NAME:

-				$\frac{12}{12}, P(Yellow, Red) =$	11. $\underline{P}(Y \in Ilow, Red) = \frac{5}{18}$
	10. $P(2 Bass) = \frac{1}{36}$	9. P(Bass, Perch) = $\frac{1}{12}$	8. $\underline{P}(\text{trout, trout}) = \frac{25}{144}$	7. P(Perch, Perch) = $\frac{1}{11}$	6. $\underline{P}(Bass, Perch) = \frac{1}{11}$
	S . P(trout, trout) = $\frac{s}{33}$	4. Independent	3. Dependent	2. Independent	1. Independent

VISWERS TO 10.2 CORRECTIVE ASSIGNMENT #2