Name	

Can You Pick Three? Pretest/Posttest

Write the correct answer in the space in front of the question.								
1. Kim is playing golf. The bag contains 3 white golf balls, 4 yellow golf balls, and 1 red golf ball. At the first hole, Kim randomly draws a ball from the bag. What is the probability the ball is white?								
	a. 3/4		c. <u>4</u> 8	d. <u>1</u> 8	e. <u>3</u>			
	2. On the sixth hole, Kim drives one of the white golf balls into the pond and has to randomly draw another ball from the bag. What is the probability the new ball is white?							
	a. <u>2</u> 4	b. <u>6</u> 7	c. <u>2</u> 7	d. <u>4</u> 8	e. <u>7</u> 8			
3. Taylor flips a penny four times and it lands heads up all four times. On the fifth flip what is the probability that the penny will land tails up?								
	a. <u>1</u> 5	b. <u>1</u> 4	c. <u>1</u> 2		e. <u>3</u>			
	4. Morgan empties a piggy bank, which contains 220 coins, onto the desk. How many of the coins would you expect to be heads up?							
	a. 55	b. 110	c. 165	d. 200	e. 80			
	5. How many three-letter words can be made with the letters X, Y, and Z if letters can be repeated?							
	a. 3 words	b. 9 words	c. 27 words	d. no words	e. 6 words			
	6. How many three-lbe repeated?	etter words car	n be made with	the letters X, Y	, and Z if letters cannot			
	a. 3 words	b. 9 words	c. 27 words	d. no words	e. 6 words			
	7. Theoretical proba a. <u>number of outco</u> number of po		atch b. <u>nun</u>	the following fonds				

8. Fill in the blank: Experimental probability is: number of turns which match

- a. total number of turns taken
- b. total number of possible outcomes