

- 2. Monique missed class today.
 - a) Explain how to use the table to show the sample space when you flip 2 coins.

			Coin 2	
			Heads	Tails
		Heads		
	Coin 1	Tails		
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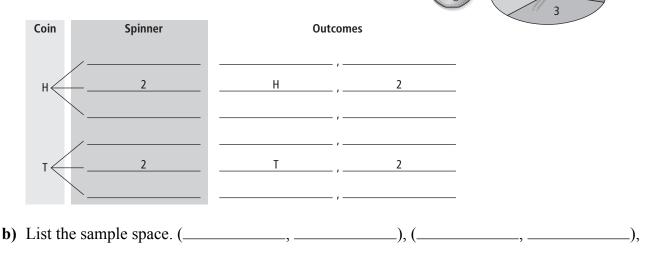
1

2

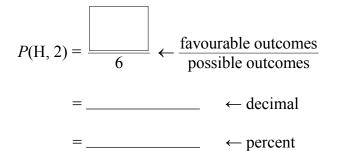
Check Your Understanding

Practise

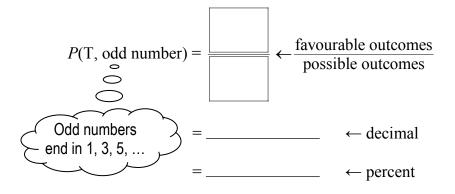
- 3. Damien flips a coin and spins the spinner.
 - **a)** Complete the tree diagram to show the sample space.



c) What is the P(H, 2)? Write your answer as a fraction, a decimal, and a percent.



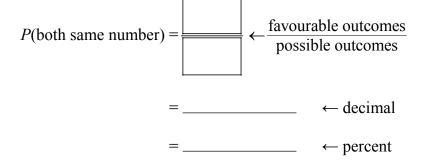
d) What is *P*(T, odd number)? Write your answer as a fraction, a decimal, and a percent.



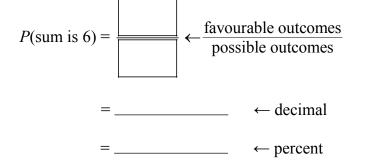
- **4.** Ali chooses 1 card and rolls a 6-sided die.
 - a) Complete the table to show the sample space.

		Die						
		1	2	3	4	5	6	
	3	3, 1						
Cards	4							
	5							

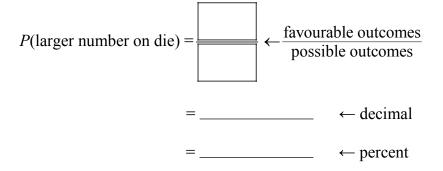
b) What is the probability that both numbers are the same? Write your answer as a fraction, a decimal, and a percent.



c) What is the probability that the sum of the die and the card is equal to 6? Write your answer as a fraction, a decimal, and a percent.



d) What is the probability that the number on the die is larger than the number on the card? Write your answer as a fraction, a decimal, and a percent.





Apply

- 5. Lucy is fishing. She has an equal chance of catching a whitefish, a trout, an arctic char, or losing a fish off the hook. What might she catch if she pulls her hook out twice?
 - a) Complete the table to show all the possible combinations.

		Second Catch			
First Catch	Whitefish (W)				
	Trout (T)				

There are _____ possible combinations.

b) What is the probability she will catch 2 arctic char: *P*(char, char)?

Sentence:

c) What is *P*(whitefish, char) in either order?

Sentence:

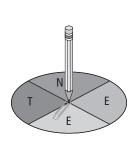
d) What is the probability she will catch nothing at all?

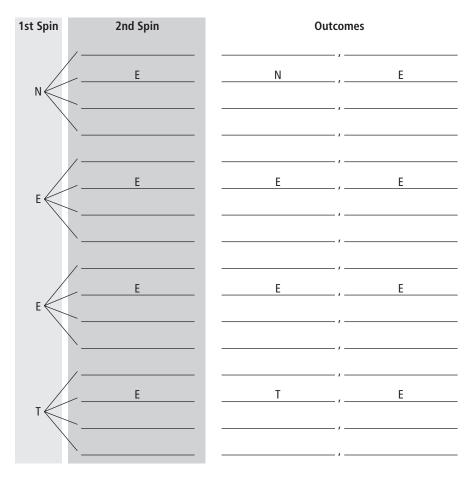
Sentence:

Name:

Date:

- 6. You spin the spinner twice.
 - a) Complete the tree diagram to show the sample space.





There are _____ possible outcomes.

b) What is the probability of spinning 2 E's?

Sentence:

c) What is *P*(same letter on both spins)?

Sentence: