Symmetric Encryption TOTAL POINTS 5				
1.	Wh	Tra	are the components that make up a cryptosystem? Check all that apply. Tansmission algorithms Bey generation algorithms	I / 1 point
		•	Correct Great job! A cryptosystem is a collection of algorithms needed to operate an encryption service. This involves generating encryption keys, as well as encryption and decryption operations.	
	Y	✓	Correct Great job! A cryptosystem is a collection of algorithms needed to operate an encryption service. This involves generating encryption keys, as well as encryption and decryption operations.	
	~	De	ecryption algorithms	
		~	Correct Great job! A cryptosystem is a collection of algorithms needed to operate an encryption service. This involves generating encryption keys, as well as encryption and decryption operations.	
2.	wh.	The The	is steganography? The study of stegosauruses The practice of encoding messages The study of languages The practice of hiding messages	I / 1 point
		~	Correct Yep! Steganography involves hiding messages, but not encoding them.	
	wh.	Ver Diff	makes an encryption algorithm symmetric? ery large key sizes ifferent keys used for encryption and decryption ne same keys used for encryption and decryption igh speed	I / 1 point
		~	Correct Awesome! The symmetry of a symmetric algorithm refers to one key being used for both encryption and decryption.	
	 What's the difference between a stream cipher and a block cipher? There is no difference. Stream ciphers encrypt data as a continuous stream, while block ciphers operate on chunks of data. Block ciphers are only used for block device encryption. Stream ciphers can't save encrypted data to disk. 			I / 1 point
		~	Correct You got it! A stream cipher takes data in as a continuous stream, and outputs the ciphertext as a continuous stream, too. A block cipher encrypts the data in chunks, or blocks.	
5.	Tru	TRI	or false: The smaller the encryption key is, the more secure the encrypted data is. RUE ALSE	l / 1 point

✓ Correct

Nice work! The reverse is true. The larger the key, the more secure the encrypted data will be.