Quiz 3 - August 27th 2009 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What does the cancellation property says \_\_\_\_\_\_\_.
	1. a+b=b+a
	2. a+(b+c)=(a+b)+c
	3. if a is not 0, then if ab=ac, b=c
	4. ab=0 implies a=0 or b=0
2. What does the zero-product property says \_\_\_\_\_.
	1. a+b=b+a
	2. a+(b+c)=(a+b)+c
	3. if a is not 0, then if ab=ac, b=c
	4. ab=0 implies a=0 or b=0
3. The reflexive property of “=” says \_\_\_\_\_\_.
	1. a=a
	2. if a=b and b=c, then a=c
	3. if a=b, then b=a
	4. if a=b, then we can replace a with b in any equation involving a and vice versa
4. The transitive property of “=” says \_\_\_\_\_\_\_.
	1. a=a
	2. if a=b and b=c, then a=c
	3. if a=b, then b=a
	4. if a=b, then we can replace a with b in any equation involving a and vice versa