

Name _____

Human Activities and Emissions Answer Key

Human Activity	Emission	Climate Impact
1. Burning coal in power plants	B. Carbon dioxide (CO ₂)	iii. Warmer atmosphere and disrupted weather patterns
2. Cutting down forests	C. Carbon dioxide loss of absorption	v. Loss of natural carbon storage, increasing heat buildup
3. Driving gasoline-powered cars	E. Carbon dioxide (CO ₂)	i. Stronger greenhouse effect and global warming
4. Raising cattle	A. Methane (CH ₄)	ii. Rising sea levels from melting ice (via stronger warming)
5. Using products with CFCs	D. Chlorofluorocarbons (CFCs)	iv. Damage to the ozone layer plus added warming