

Carbon Footprints and Forest Solutions

QUICK QUIZ ANSWER SHEET

QUESTION	ANSWER	EXPLANATION
1	FALSE	The term carbon footprint refers to the total amount of carbon emissions and other greenhouse gases (from burning fossil fuels like coal, oil, and methane gas) that are emitted by human activities.
2	TRUE	Change is needed on ALL levels, from individual to collective to systemic. Every action counts!
3	TRUE	Trees absorb carbon dioxide as they grow, so planting more trees and protecting existing forests and green spaces can definitely help reduce atmospheric carbon dioxide and slow down climate change.
4	TRUE	A carbon footprint calculator can be a useful tool to understand carbon emissions and ways they can be reduced.
5	A	A carbon footprint can be calculated for individuals, organisations, or a city or country. The idea is to provide ideas for reducing emissions, not increasing them. It is an approximate measurement of carbon emissions.
6	B	Project Drawdown is a global research project focused on carbon sequestration. There is a Canadian branch now, but Project Drawdown is a global research project focused on the best strategies for carbon sequestration. Some of the strategies are also great for adaptation!
7	B	We need changes from the bottom, the top, and every level in between. Individual actions are important, but collective and systemic changes are also needed. Individuals, communities, businesses, and governments all have a role to play. Personal actions can definitely help, but they need to be matched by systemic changes. Personal carbon footprints vary enormously depending on an individual's consumer habits, socioeconomic status, culture, and personal preferences.
8	D	These are all possible limitations of tree planting. Good planning is needed to ensure the desired impact of planting.
9	A	If you only buy what you need or buy second hand, your emissions go down. Walking is better exercise and does not produce emissions, whereas taking the car or getting people to drive you places does! Car trips have high carbon emissions unless the car is electric and charged with renewable energy. And most meats have a high carbon footprint, so cutting down on meat or eliminating it from your diet can reduce your carbon footprint. Meanwhile, locally grown veggies have a pretty low carbon footprint. Finally, producing less waste is a great way to reduce your footprint, but buying more stuff will result in a higher footprint, and probably more waste too.
10	D	All of the examples above are great solutions.