Exploring Earth's Landforms: Mountains, Plateaus & Valleys	
Your Name:	
1 Which woole visel was seen in writer with weap enable for the	
1. Which geological process is primarily responsible for the formation of fold mountains?	
☐ A. Volcanic eruptions and lava flows	
☐ B. Erosion by rivers and glaciers	
☐ C. Collision of tectonic plates	
☐ D. Deposition of sediments over time	
2. Block mountains are formed primarily due to volcanic activity.	
☐ A. True	
☐ B. False	
3. What type of mountain is formed when magma pushes up from beneath the earth but doesn't break through the surface, lifting the rock above?	
4. Mountains are often referred to as 'water' because they store and release water via snowmelt and rainfall.	

5. Match each mountain type with its formation process:		
1. Fold Mountains	A. Built up from molten rock, ash, and gas erupting from a vent.	
2. Block Mountains	B. Created when large blocks of land move up or down along faults.	
3. Volcanic Mountains	C. Formed by tectonic plates pushing against each other, causing the land to buckle.	
4. Dome Mountains	D. Formed when magma pushes up without breaking the surface, lifting the rock above.	
6. Which o	f the following is NOT a significant economic contribution ins?	
A. Genera	ating geothermal energy	
☐ B. Supply	ring minerals and timber	
C. Provid	ing water resources	
☐ D. Suppo	rting tourism and recreation	
7. The talle	est mountain in the solar system is Mount Everest.	
☐ A. True		
☐ B. False		
	the name of the highest plateau in the world, often called of the World'?	

9. A plateau is formed by lava spreading over large areas, building up layers of rock after volcanic eruptions cool.		
10. Match the following place characteristic:	ateau types with their defining	
1. Volcanic Plateau	A. Plateau located at the base of a mountain range.	
2. Intercontinental Plateau	B. Plateau carved by rivers, creating valleys and hills.	
3. Piedmont Plateau	C. Vast plateau spanning multiple countries or continents.	
4. Dissected Plateau	D. Plateau formed by layers of lava from volcanic eruptions.	
_	ess primarily forms U-shaped valleys?	
<ul><li>☐ A. Wind erosion</li><li>☐ B. Glacial movement</li></ul>		
C. Tectonic activity		
☐ D. River erosion		
12. River valleys typically h	ave a U-shape due to the uniform erosion	
☐ A. True		
/ ti frac		

13. What type of valley is formed when tectonic plates move apart, creating cracks in the Earth's crust?		
_	ents by	ue to the deposition of nutrient- , making them ideal for
15. Match	the names of each valle	y with their description:
1. Rift Valleys		A. Valleys with steep walls and flat bottoms
2. River Valleys		B. Valleys carved by water flow shaping deep valleys
3. Box Valleys		C. Valleys form due to tectonic plate movement creating cracks in the Earth's crust
4. Glacial Valleys		D. U-shaped valleys formed by giant rivers of ice as they grind valley walls.
16. Which	•	makes them particularly suitable
☐ A. Rocky	terrain for drainage	
☐ B. Flat te	rrain and fertile soil	
☐ C. Steep	slopes for irrigation	
☐ D. High €	elevation and cool climate	

17. Plains cover less than 10% of the Earth's terrestrial regions.		
☐ A. True		
☐ B. False		
18. What type of plain is formed by glaciers that crush rocks and soil, spreading this material over large expanses?		
19 plains are located from the accumulation of	_	
20. Match each type of plain with	its corresponding description:	
1. Glacial Plains	A. Plains formed by glaciers traversing and leveling the land.	
2. Flood Plains	B. Plains found inland, characterized by minimal undulation.	
3. Interior Plains	C. Plains that develop around rivers prone to frequent flooding.	
4. Coastal Plains	D. Plains alongside coastlines, formed by sediment accumulation.	

21. Which landform is known for acting as a barrier to wind and precipitation, influencing climate regions?		
☐ A. Valleys		
<ul><li>□ B. Plains</li><li>□ C. Plateaus</li></ul>		
22. Plateaus are typically poor sources of minerals and raw materials due to their elevation.		
☐ A. True		
☐ B. False		
23. Name a valley feature that historically hosted major civilizations due to their fertile soils and abundant water.		
24. Plains are often called the 'breadbaskets of the world' due to their suitability for and high levels of productivity.		

## corresponding landform: 1. Water A. Plateaus Sources 2. Agricultural B. Plains Heartlands 3. C. Valleys Mineral Wealth 4. Civilization D. Mountains Centers 26. The Grand Tetons are an example of which type of mountain range? A. Volcanic mountains B. Fold mountains C. Fault-block mountains ☐ D. Dome mountains 27. Lacustrine plains are created by volcanic activity that levels the landscape over time. A. True ☐ B. False 28. What is the significance of the Tibetan Plateau, often referred to as the 'Roof of the World'?

25. Match each the key role in earth geography with their

29. During beach evolution, changes along shorelines occur over time due to factors like longshore and longshore		
•••••	••••••	
30. Match	all the processes to their descriptions:	
1. Orogeny	A. Shapes the planet topographies	
2.		
Mountain Formation	B. Changes along shorelines overtime	
3. Plate Tectonics	C. Mountain Building	
4. Beach Evolution	D. Involves collision of plates	
<b>31.</b> How n	nuch of the planet's freshwater do mountains provide?	
☐ A. 10-20	%	
☐ B. 30-40	%	
☐ C. 90-10	0%	
☐ D. 60-80	%	
32. Mount	tain ecosystems are generally resilient and unaffected by nange.	
☐ A. True		
☐ B. False		

particularly exemplified by the Tibetan Plateau?	
	corridors, supporting diverse erving as the migration point for wildlife and abitats.
35. Match the civilization	on hubs with their geographic properties:
1. Plateaus	A. Cultural and economc importance
2. Plains	B. Civilizations started on near plains
3. Valleys	C. Tourism and recreation
4. Mountains	D. Valleys are economic and population hubs
36. Why have valleys, es	specially river valleys, historically hosted
A. Barren soils	
$oxedsymbol{\square}$ B. Fertile soils, abundant water, and sheltered environments	
C. Extreme climates and challenging terrain	
☐ D. Lack of natural resou	rces

33. What role do plateaus play in the regulation of climates,

37. Plains are mostly unsuitable for human settlement due to their lack of natural resources and extreme weather conditions.		
☐ A. True		
☐ B. False		
38. What makes plateaus attractive activities?	e for tourism and recreation	
39. Mountains are rich inresources, supporting mining, fore generation.		
40. Match each resources to their	corresponding description:	
1. Forest	A. Due to abundant water resources	
2. Raw materials	B. Essential for industry	
3. Minerals	C. Rich in resources providing forests	
4. Hydroelectric Power	D. Rich in minerals	