





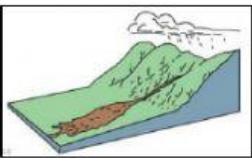

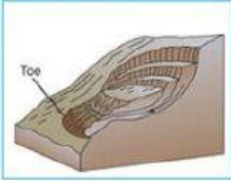
Name: _____

Gr: _____ Date: _____

Subject: GeographyTopic: Mass Wasting/Mass Movement

Total - 20 marks

A. Instructions: Correctly identify the images of mass movements shown below, by placing terms from the Word Bank in the correct column. Then, classify each mass movement as *Slow* or *Fast*. [14 marks]

| | <u>Image</u> | <u>Mass Movement Name</u> | <u>Slow</u> | <u>Fast</u> |
|----|---|---------------------------|-------------|-------------|
| 1. |  | _____ | _____ | _____ |
| 2. |  | _____ | _____ | _____ |
| 3. |  | _____ | _____ | _____ |
| 4. |  | _____ | _____ | _____ |
| 5. |  | _____ | _____ | _____ |
| 6. |  | _____ | _____ | _____ |
| 7. |  | _____ | _____ | _____ |

WORD BANK

Soil creep

Soil slump

Debris Flow

Landslide

Rockfall

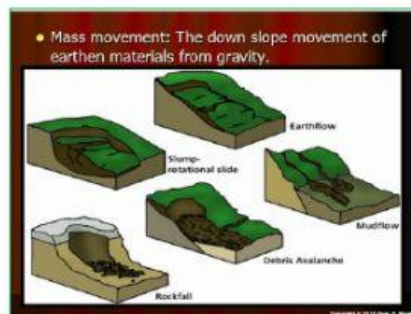
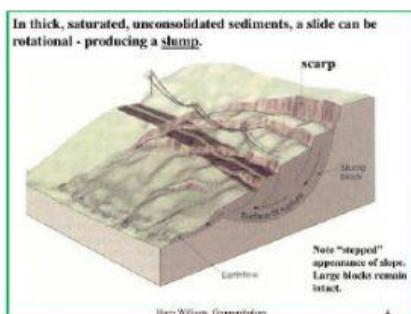
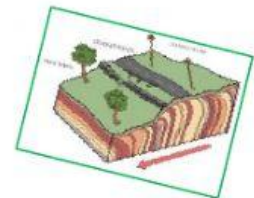
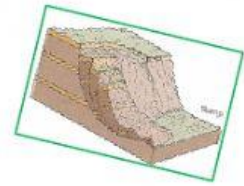
Mudslide

Earth flow



B. Instructions: Use class notes and diagrams to help you select the correct answer. [6 marks]

- What is mass wasting?
 - Chemical and physical weathering of dirt and rock
 - Movement of regolith down a slope under the force of gravity
 - Weathering of regolith by rainfall
 - Flash flooding by a stream
- Which of the following happens because of soil creep?
 - terraces
 - fallen down trees
 - broken sidewalks
 - deforestation
- An example of a fast mass movement is:
 - Soil creep
 - Slumping
 - Landslide
 - Flash floods
- An example of slow mass wasting is:
 - Earth creep
 - Avalanche
 - Landslide
 - Flash floods
- "Talus" forms as a result of which mass movement?
 - Mud flow
 - rockfall
 - earth flow
 - earth slump
- A mass wasting process that is fast and has high water content is:
 - solifluction
 - slumping
 - creep
 - Mud flow



• **Flows**

- mass movements of material containing large amounts of water > move as thick fluids
- Earthflows
 - move 1 mm/day to several meters/day
 - Occur on hillsides in wet regions
 - Creates tongue-shaped mass
- Mudflows-can move up to 80 km/h
 - Common in semiarid mountainous regions

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