

# Landslides

Name: \_\_\_\_\_

1.  Heavy rainfall can be an indicator of a landslide.  
A  True B  False
2.  What is another name for a landslide? (Check all that apply)  
Select 4 answers  
A  Debris Flow C  Mudslide/Mudflow E  Debris Avalanche  
B  Rock Fall D  Blocking Rock
3.  Earthquakes could cause a landslide.  
A  TRUE B  FALSE
4.  A landslide is the movement of rocks and soil down a slope.  
A  TRUE B  FALSE
5.  Mass wasting may occur on any slope and most inclinations under appropriate conditions.  
A  TRUE B  FALSE
6.  A landslide is defined as the downward and outward movement of slope-forming materials.  
A  TRUE B  FALSE
7.  Landslides are classified on the basis of the type of material that existed prior to the landslide and the type of movement that dominates during the landslide. Select from the list the types of material that might exist prior to a landslide.  
Select 2 answers  
A  a. Rock B  b. Soil C  c. Earth D  d. Mud E  e. Debris
8.  Which of the following is the most important factor in causing mass movements?  
A  Air Temperature C  Soil Water content E  Bulk composition  
B  Air Pressure D  Soil Water Pressure
9.  Which of the following does not promote mass movement?  
A  Steep slopes C  Heavy rainfall  
B  Forest fires D  All of the above promote mass movement
10.  Which of the following can trigger a landslide?  
A  An earthquake  
B  A heavy rainstorm  
C  Removal of material from the base of a slope  
D  All of these
11.  Which of the following is not a form of mass wasting?  
A  A mudflow B  An avalanche C  A pyroclastic flow D  A landslide
12.  What retards gravity and prevents landslide occurrence?  
A  Water presence in the soil B  Presence of surface rocks C  Soil material cohesiveness
13.  The driving force behind all mass wasting processes is:  
A  Slope angle C  Presence of water  
B  Gravity D  Presence of vegetation
14.  The presence of vegetation on slopes enhances soil cohesiveness and retards the development of landslides.  
A  TRUE B  FALSE
15.  Human activities such as road construction in mountainous areas often accelerate mass wasting processes.  
A  TRUE B  FALSE