

# Weathering Work sheet

Use the correct term from the box below in the space to complete each sentence or label the diagram.

|            |          |                    |             |
|------------|----------|--------------------|-------------|
| Mechanical | Chemical | Freeze-thaw action | Carbonation |
| Pavement   | Scree    | Calcite            | Clint       |

## Question 1



The broken down rock found on this upland area, Croagh Patrick, is called .

This is a result of  weathering called .

## Question 2



The photograph opposite shows Limestone rock that has been weathered.

This surface feature of weathered limestone is called a limestone  which is a feature of weathering known as .

## Question 3

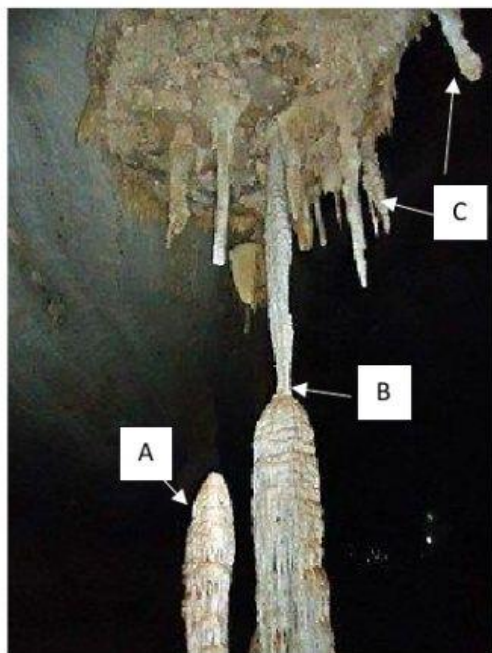
Write the number from Column Y to match each of the letters in Column X in the space beside the letter below the table.

| Column X |            | Column Y |  |
|----------|------------|----------|--|
| A        | Stalagmite | 1        | Deep cracks in the limestone pavement.               |
| B        | Clints     | 2        | Deposits of calcite hanging from the roof of a cave. |
| C        | Stalactite | 3        | Blocks of limestone.                                 |
| D        | Grikes     | 4        | Deposits of calcite on the floor of a cave.          |

A = ..... B = ..... C = ..... D = .....

#### Question 4

Label the photograph below by writing the correct letter from the photograph in the box beside the terms below.



Pillar .....

Stalagmite .....

Stalactite .....

#### Question 5

Write the correct chemical formula beside each item.

|   |                |  |   |                      |
|---|----------------|--|---|----------------------|
| 1 | Water          |  | A | $\text{CaCO}_3$      |
| 2 | Carbon dioxide |  | B | $\text{CO}_2$        |
| 3 | Calcite        |  | C | $\text{H}_2\text{O}$ |

1= ..... 2= ..... 3= .....