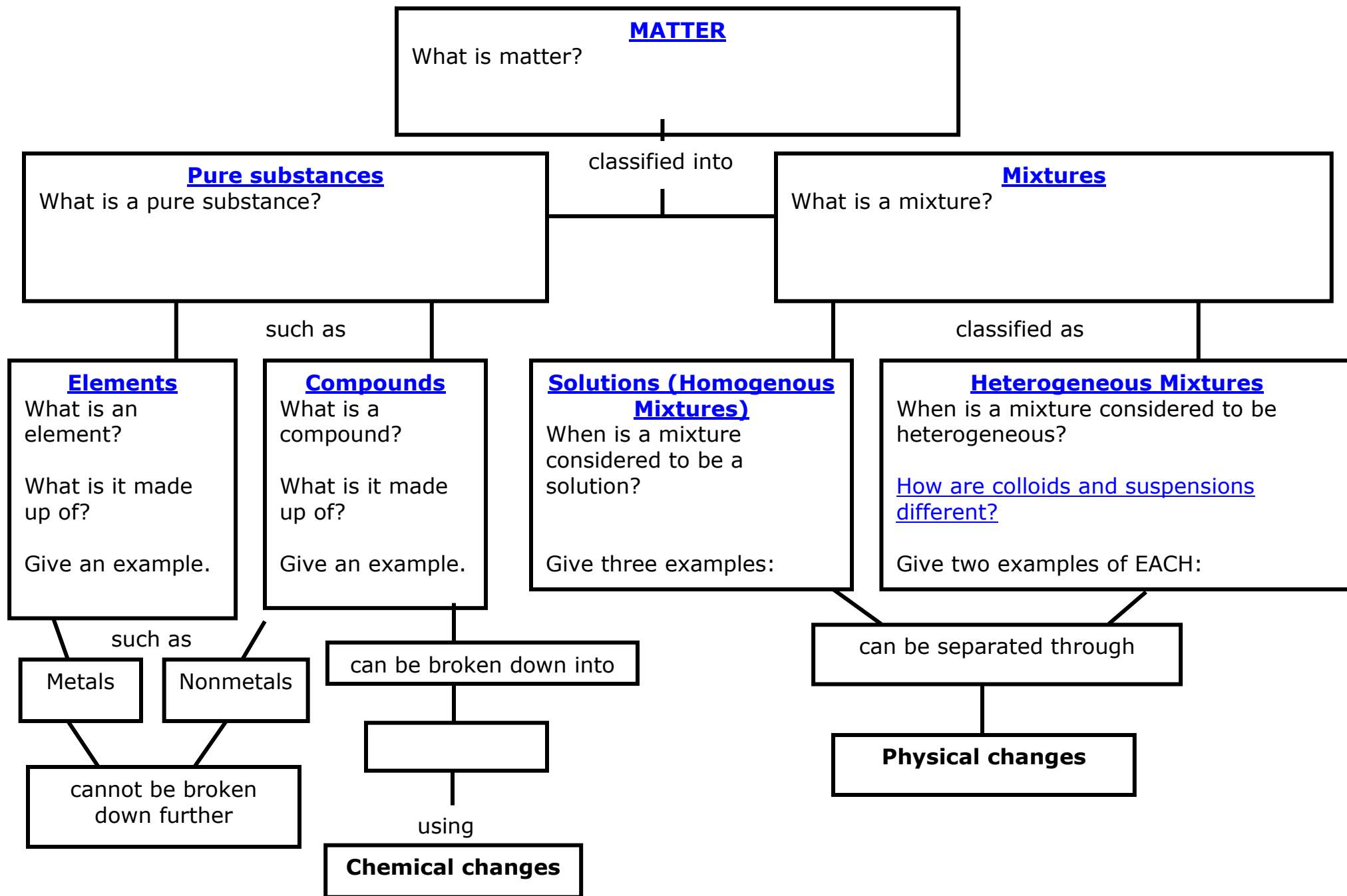Name:_____   **Classification of Matter Webquest**
Fill in the concept map using the websites that are linked. (Open the file and click on them!)

MATTER
What is matter?

classified into

Pure substances
What is a pure substance?

Mixtures
What is a mixture?

such as

classified as

Elements
What is an element?

What is it made up of?

Give an example.

Compounds
What is a compound?

What is it made up of?

Give an example.

Solutions (Homogenous Mixtures)
When is a mixture considered to be a solution?

Give three examples:

Heterogeneous Mixtures
When is a mixture considered to be heterogeneous?

How are colloids and suspensions different?

Give two examples of EACH:

such as

Metals

Nonmetals

can be broken down into

can be separated through

cannot be broken down further

Physical changes

using

Chemical changes

Classification of Matter Webquest
        Fill in the concept map using the websites that are linked. (Open the file and click on them!)

```
                              ┌─────────────────────────────┐
                              │           MATTER            │
                              └─────────────────────────────┘
                                          │
                                       Undergoes

┌───────────────────────────────┐          ┌───────────────────────────────┐
│      Physical Changes         │          │      Chemical Changes         │
│                               │          │   What happens to molecules?  │
│   What happens to molecules?  │          │                               │
│                               │          │                               │
│                               │          │                               │
└───────────────────────────────┘          └───────────────────────────────┘
          │                                        │                    │
      examples                                                      examples

┌──────────────────┐  ┌──────────────────┐  ┌──────────────────┐  ┌──────────────────┐
│ Give three       │  │ Can be caused by │  │ 5 Signs          │  │ Give three       │
│ examples:        │  │ the physical     │  │                  │  │ examples:        │
│                  │  │ actions of       │  │                  │  │                  │
│                  │  │                  │  │                  │  │                  │
│                  │  │                  │  │                  │  │                  │
│                  │  │                  │  │                  │  │                  │
└──────────────────┘  └──────────────────┘  │                  │  └──────────────────┘
                                             │                  │
                                             └──────────────────┘
```