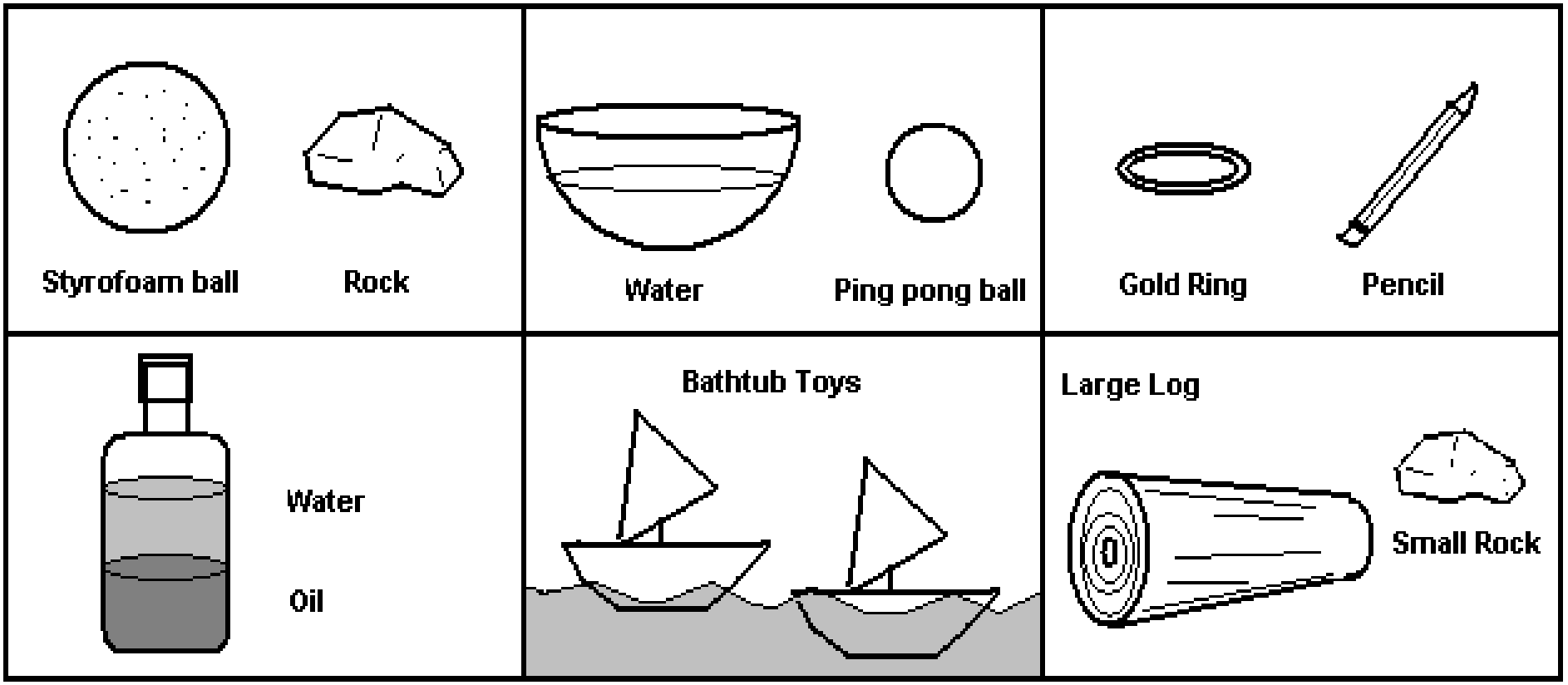
MatchCard Science© Chemistry - 10

Define density.

Density = $\frac{\text{mass}}{\text{volume}}$

PUT AN **X** ON THE OBJECT IN EACH BOX THAT IS MORE DENSE THAN THE OTHER.



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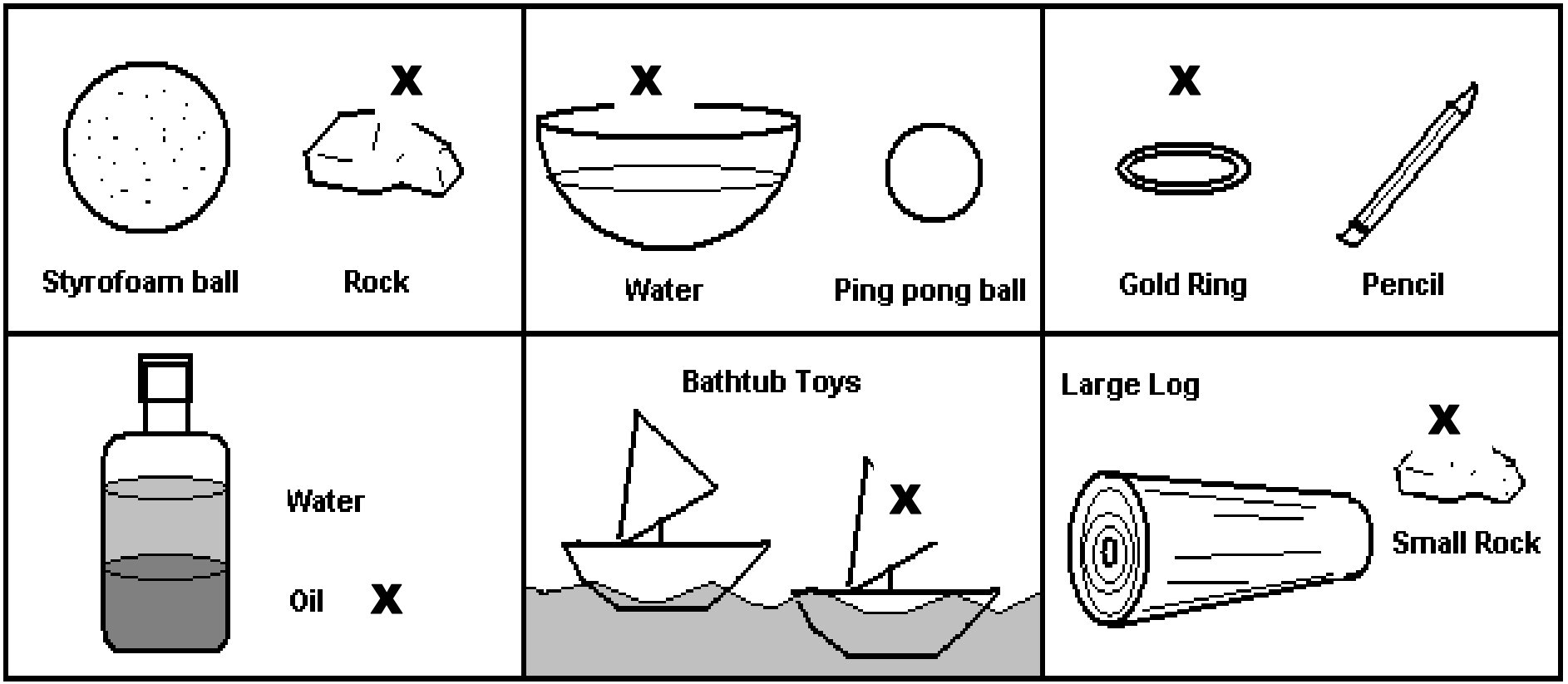

Use a water displacement container and a weight scale for small objects to determine the density of different rocks and household objects. A water displacement container may be made by cutting a whole in a Styrofoam cup that is filled with water to the point of the hole. Place the Styrofoam cup in another container that can collect the water that is displaced when the object is dropped.

Chemistry 10 Information Pieces

Mass
C-10

Volume
C-10

X
C-10

X
C-10

X
C-10

X
C-10

X
C-10

X
C-10

To Make Your MatchCard more durable:

1. *Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
2. *Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
3. *For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*