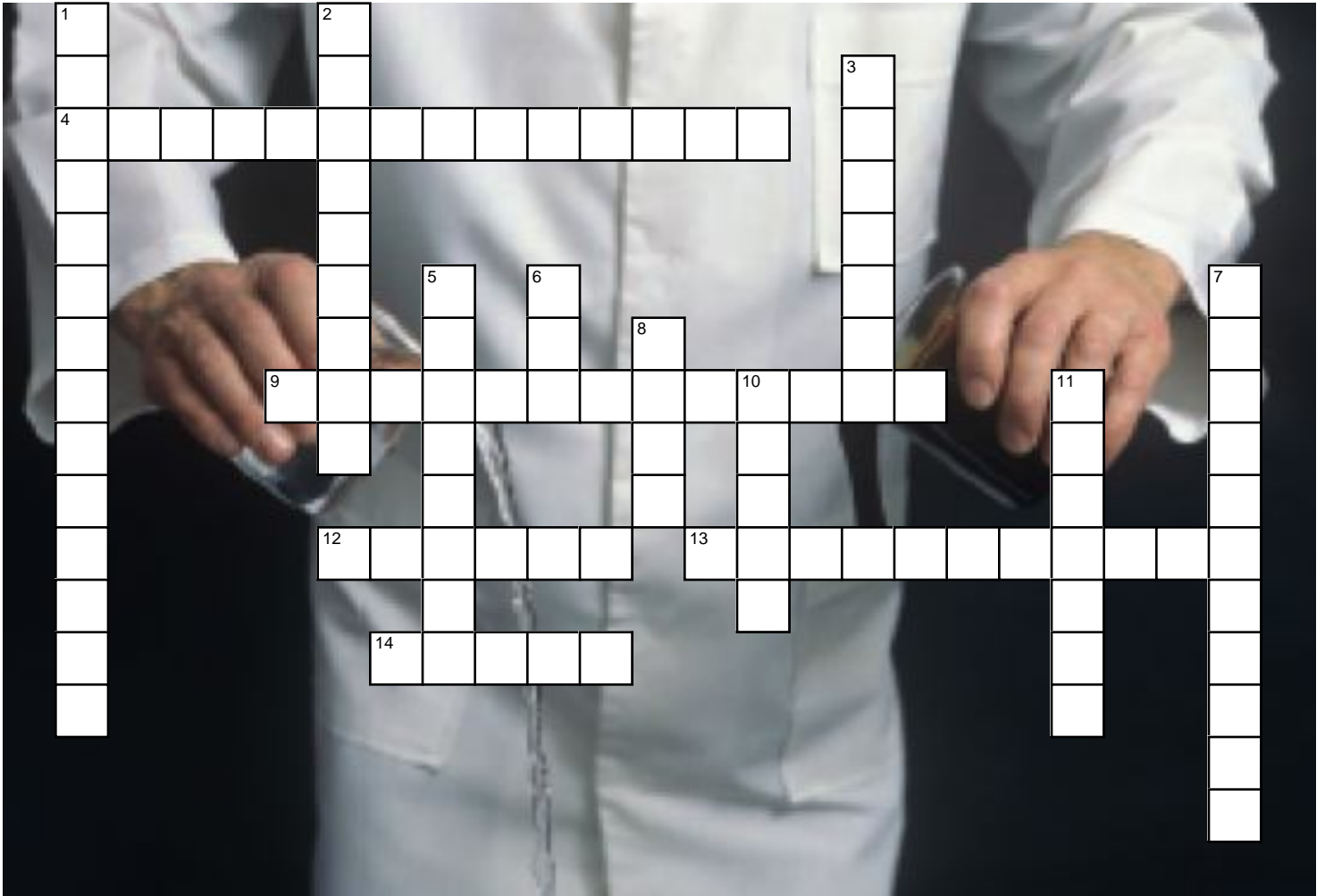


## 8.3 Pressure In Fluids



### Across

- \_\_\_\_\_ are used to make long-term weather forecasts.
- A \_\_\_\_\_ studies and analyzes various kinds of data to forecast our weather.
- \_\_\_\_\_ will naturally move from an area of higher pressure to an area of lower pressure.
- At a constant volume an increase in \_\_\_\_\_ results in an increase in pressure.
- Pressure increases with \_\_\_\_\_.

### Down

- Materials in a liquid state are said to be \_\_\_\_\_.
- A weather balloon measures weather conditions at high \_\_\_\_\_.
- \_\_\_\_\_ are very difficult to compress.
- \_\_\_\_\_ is the amount of force applied to a given area.
- \_\_\_\_\_ is a fluid and it exerts pressure around you all the time.
- \_\_\_\_\_ is a decrease in volume caused by a force.
- If allowed to \_\_\_\_\_, a fluid will move from an area of higher pressure to an area of lower pressure.
- \_\_\_\_\_ can be compressed very easily.
- Air and water interact causing changes in pressure and temperature and creating the variations we see in our \_\_\_\_\_.