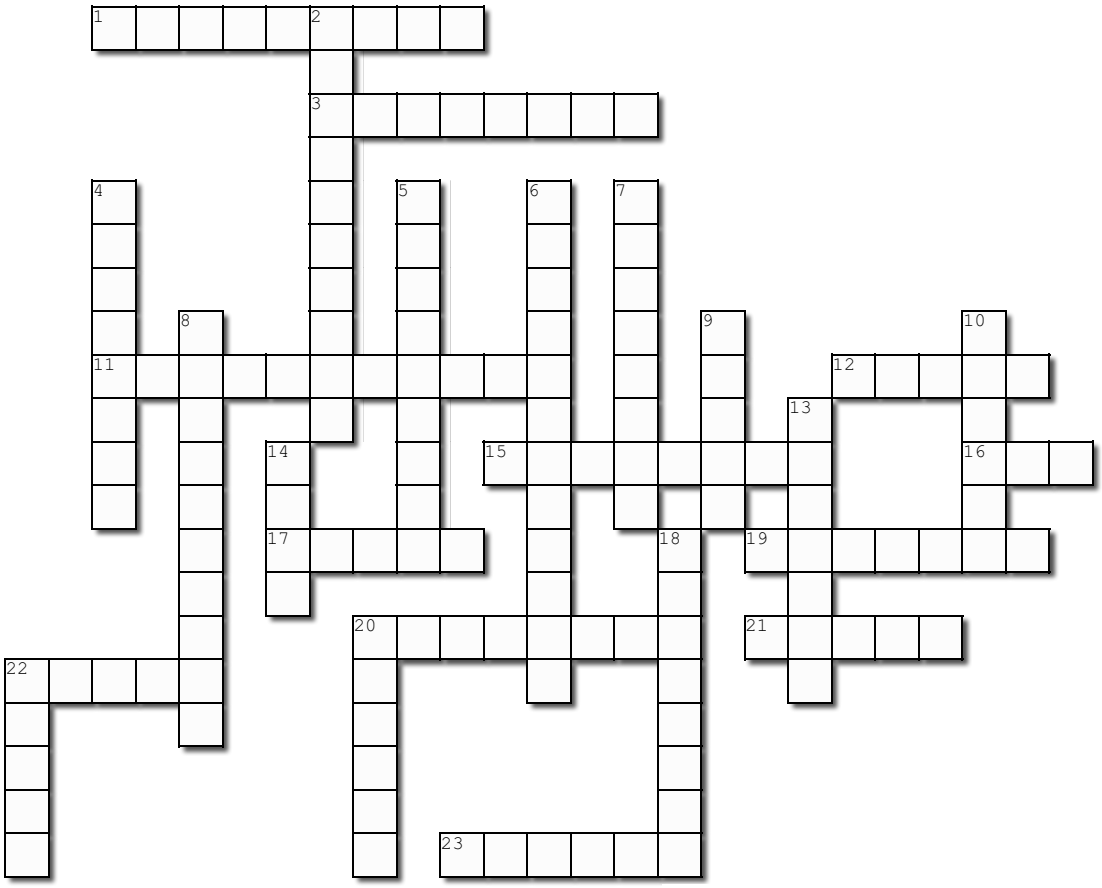
Name:_____

Complete the crossword puzzle below



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## Across

**1.** This provides more surface area for a sky diver
**3.** The amount force acting on a certain area
**11.** The force that keeps an object going in a circle
**12.** Number of Laws by Newton
**15.** A force that slows down the motion between two touching objects
**16.** Phase of matter where molecules bounce around
**17.** How fast something is going
**19.** force of attraction between any two objects
**20.** The combined effect of all forces acting on an object
**21.** Seatbelts have to do with this Newton's Law
**22.** A push or a pull
**23.** Unit of Pressure

## Down

**2.** Educated prediction
**4.** Speed in a certain direction
**5.** Step by step list of how to do an experiment
**6.** The rate at which velocity changes
**7.** The upward force on an object in a fluid
**8.** A change in motion is caused by _____ forces
**9.** Phase of matter in which molecules are tightly packed
**10.** measure of the force of gravity
**13.** the resistance of an object to a change in the speed or the direction of its motion
**14.** how much matter is in an object
**18.** When the only force acting on an object is gravity
**20.** Unit of Force
**22.** A substance that flows easily