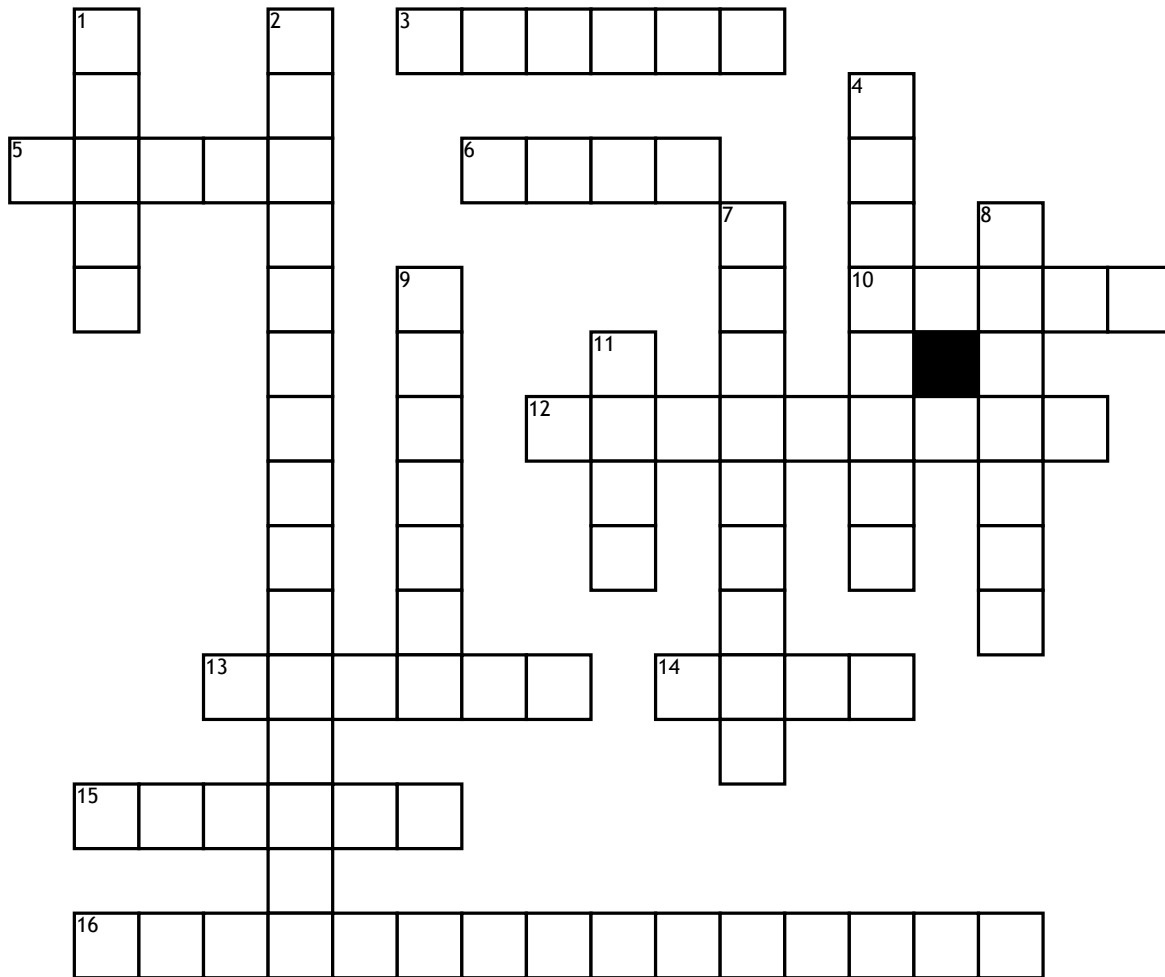


Earth Science Ch 2



Across

3. ability to do work
 5. push or pull
 6. flow of thermal energy
 10. all forces act in _____
 12. formed by combinations of two or more atoms
 13. anything that occupies space and has mass
 14. quantity of matter in an object

15. gravitational attraction for an object's mass

16. do not change the chemical composition of a substance

Down

1. smallest building block of matter
 2. change a substance into another substance
 4. pure substance composed of two or more substances chemically combined

7. energy that depends on the mass of an object and the distance it could fall

8. energy that depends on the mass of an object and its speed

9. pure substance made of only one kind of atom

11. force that acts on an object as it moves through distance