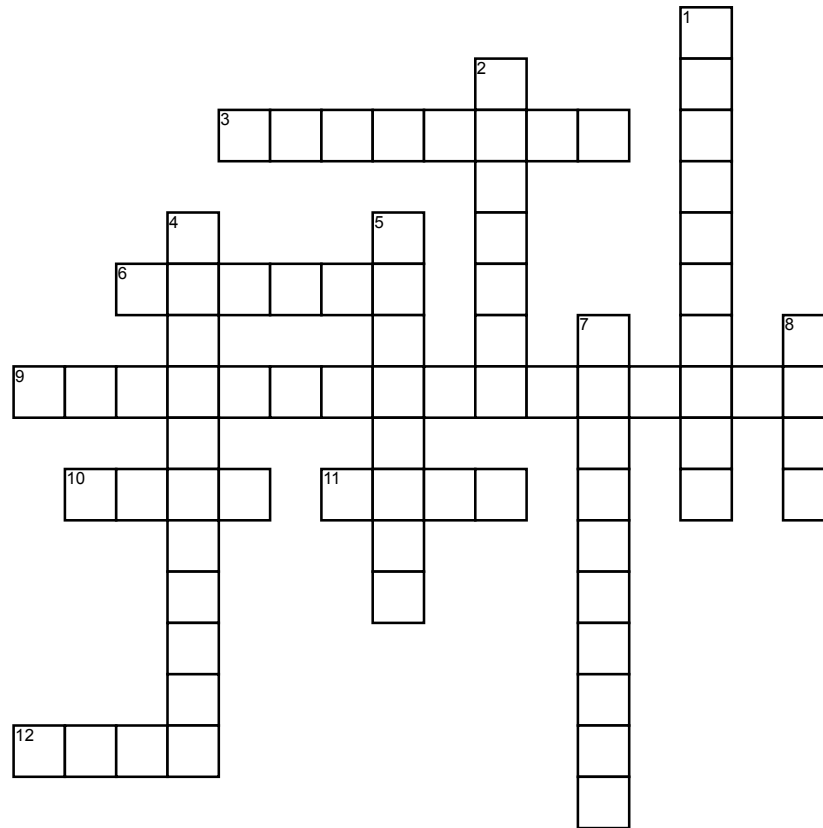


Name: _____

Date: _____

Bridges



Across

3. a mass receiving the arch, beam, truss, at each end of a bridge.

6. a long, rigid, vertical (upright) support member of a structure

9. A bridge in which the deck is hung from cables

10. the "column" of a bridge

11. the "top" of the bridge on which we drive or walk

12. the length of a bridge between two piers

Down

1. a bridge that consists of beams supported by columns (piers, towers)

2. what is a pulling or stretching force

4. a pushing force that tends to shorten objects

5. a person who applies her/his understanding of science and mathematics to creating things for the benefit of others

7. a bridge that forms the shape of an arch

8. a long, rigid, horizontal support member of a structure

Word Bank

abutment

tension

column

beam bridge

deck

pier

suspension bridge

span

compression

engineer

beam

arch bridge