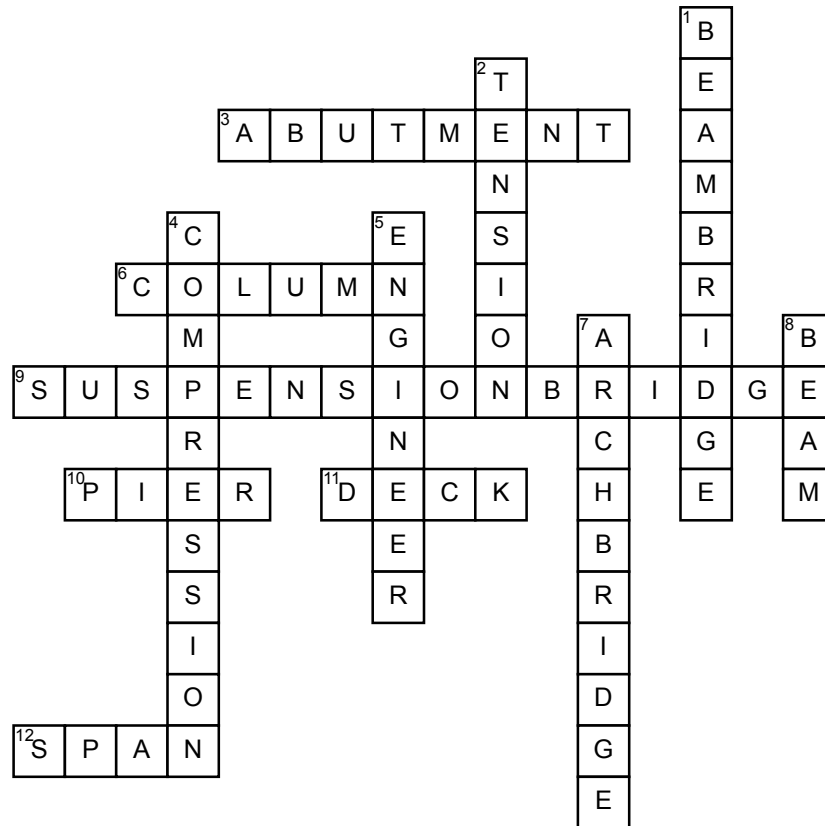


Name: _____

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

span

compression

engineer

suspension bridge

beam

arch bridge

column

tension

beam bridge

deck

pier

abutment