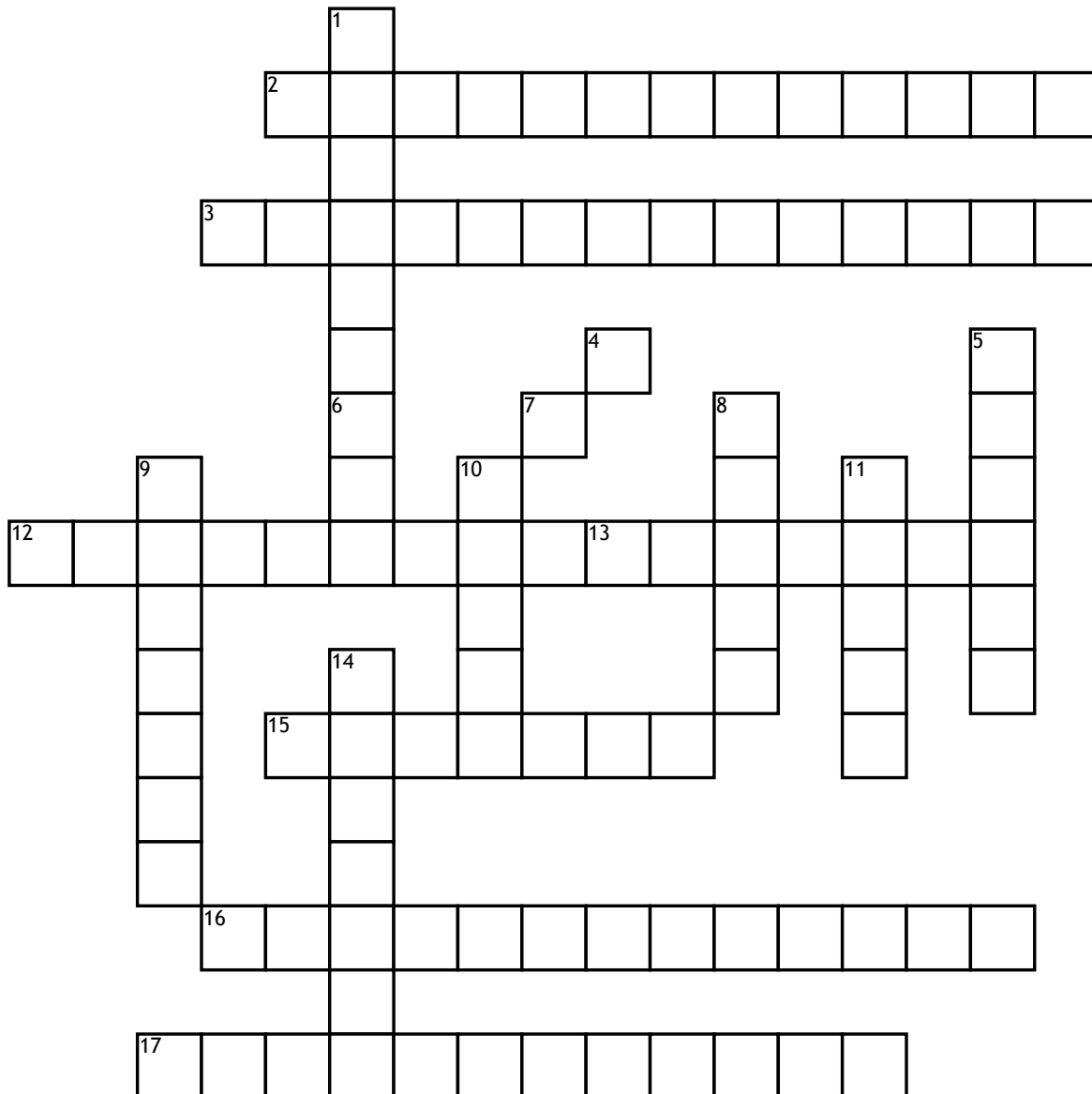


Vessels #1



Across

2. This head is simply one-half of a sphere
 3. the distance between the tangent line of the head and the circumferential seam between the head and the shell
 6. indicates the longitudinal and circumference welds in hemispherical heads.
 7. indicates the circumference welds in shell and joins to other heads.
 12. Torispherical heads are usually referred to as

15. allows heavy liquid to separate from a lighter liquid
 16. Large or tall vessels may require a double base ring and
 17. Nozzles may be located on either the shell or the head and may be connected either concentrically or
Down
 1. used to distribute the load over a large area of the shell
 4. indicates the welds to flanges.

5. small pipe extending from the top to the bottom of a horizontal vessel
 8. IT is built only to handle the structural loading of a vertical vessel.
 9. the most common support for horizontal vessels
 10. This is used to hold up the flange while the manway is open
 11. Also Known as a Can, course belt or ring
 13. indicates the welds of nozzle to vessel.
 14. A vertical appendage off the bottom of a horizontal vessel