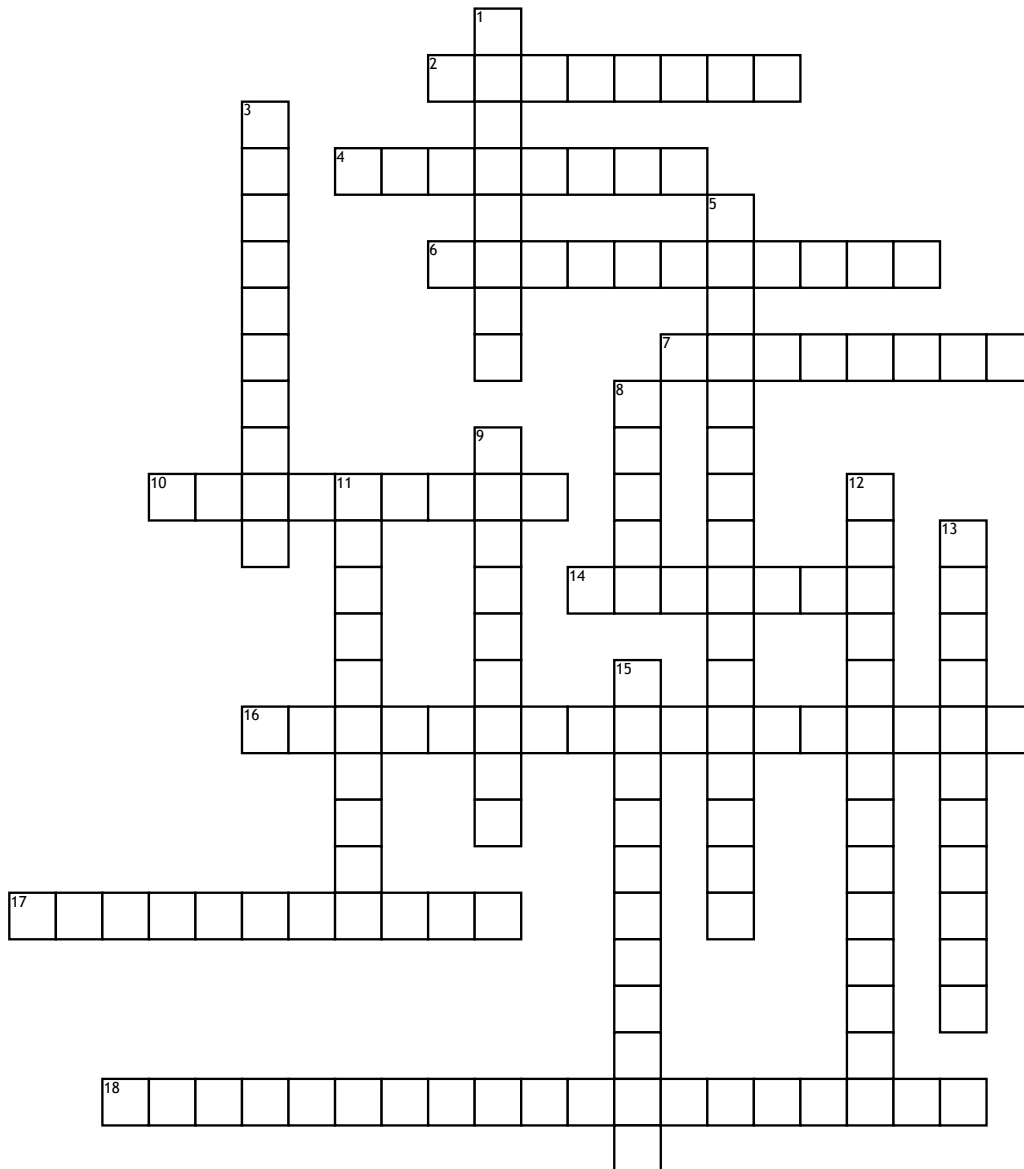


Weld Definitions 2



Across

2. point as shown in a cross section, at which the back of the weld intersects the base metal surfaces

4. exposed surface of a weld on the side from which the welding was done

6. surface profile of a weld in the as-welded condition prepared to meet workmanship or NDT requirements

7. portion of the groove face adjacent to the joint root

10. a single stratum of weld consisting of one or more adjacent weld passes

14. junction between the weld bead being deposited and the adjacent metal- either base metal or previously deposited weld material

16. condition that exists when the angle formed between weld beads, or ripples on the bead surface, are less than 90 degrees

17. total included angle of the groove between pieces to be welded

18. the amount in degrees that two joint members are misaligned from a common plane

Down

1. an increment of a weld pass with one start and one stop

3. angle formed between the prepared edge of a member and a plane perpendicular to the surface of the member

5. weld discontinuity in which fusion did not occur

8. Temp or permanent opening in an abutting member to permit the deposition of a sound weld in a joint passing beneath the abutting member

9. rejectable condition that exists when the base metal overhangs the side wall(s) of an excavation preventing accessibility for welding

11. internal planar discontinuity in plate metal consisting of oxides, sulfides, etc. and is characterized by layering and reasonable parallelness to the plate surface

12. angle formed between the base plate and the toe of the weld and the angle former between adjacent beads of weld must be 90 degrees or greater

13. void or open hole that extends through a backing ring, strip, bar, fused root or adjacent metal resulting from through thickness melting

15. weld used to close the gap between two surfaces to prevent moisture from entering the area