

Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

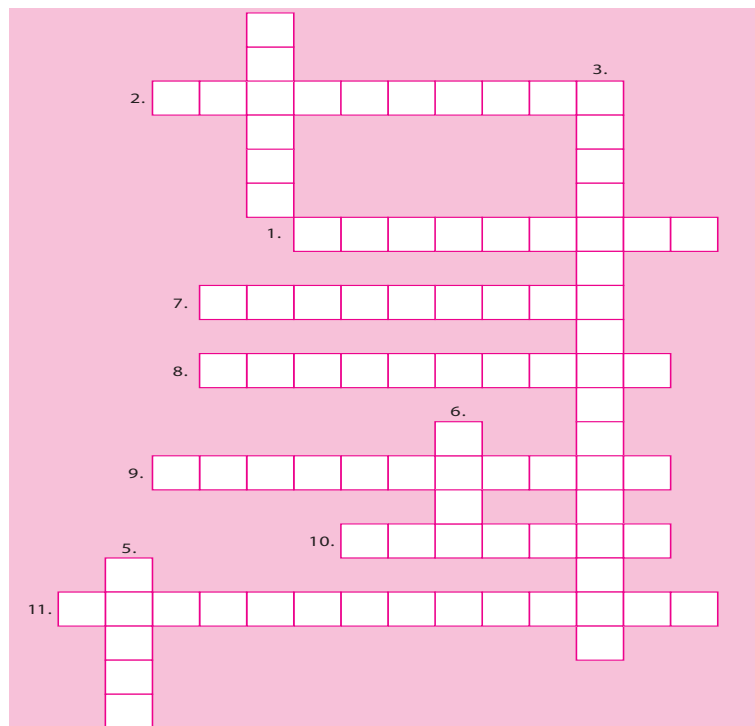
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Puzzle

- Look at the crossword puzzle given below and fill in the blanks according ly.



Across

- Through two distinct points a _____ can pass.
- Number of Euclid's postulates.
- Assumption that is obvious universal truth used specifically in geometry.
- A set of axioms is _____ if it is impossible to deduce from these axioms that contradict any axiom or previously proved statement.
- The statement that can be proved.
- The result that was proved by applying deducing reasoning.
- Geometrical terms that can not be defined.

Down

- An equivalent version of Euclid's fifth postulate _____ axiom.
- The geometry that valid only for the figures in the plane.
- Assumed universal truth in all branches of mathematics.
- A figure formed by two rays with common initial point.