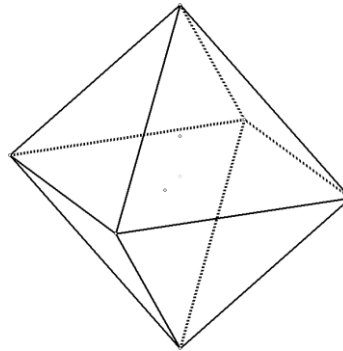
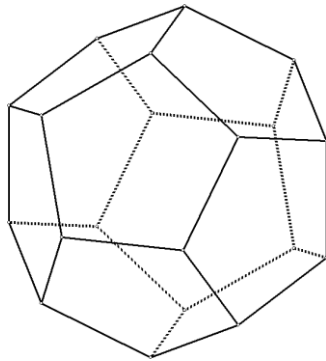


Grade 8 Mathematics Worksheet

Construction of geometric figures

Questions:

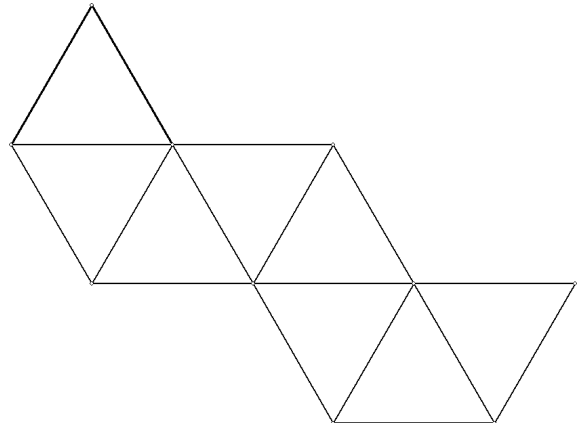
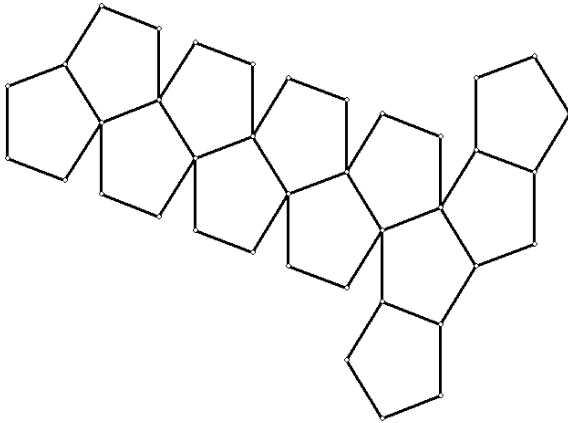
1. Construct the net for the following figures by making use of your compass and ruler only. (dodecahedron and a octahedron).



Grade 8 Mathematics Worksheet

Solution

1. Construct the net for the following figures by making use of your compass and ruler only. (dodecahedron and a octahedron) (Method to construct a pentagon and equilateral triangle should be known before this task can be done).



Transformations as a tool is now utilized to discover some useful properties of other quadrilaterals as well as giving an introduction to the ideas of parallelism theorems.

This implies that the learners should have complete knowledge of the way in which the transformations work (pre-knowledge) before they will be able to do this assessment item effectively.

This activity has many extension possibilities and can be done as a portfolio activity as well.