

THE LINE DESIGN GEOMETRY PROJECT:

The evaluation of this project will be done based on the following criteria:

- **Accuracy** – 10 points: Are the lines straight? Are the intervals even?
- **Neatness** – 10 points: Are the erasures well made? Is coloring neat? Is the project presented well?
- **Effort** – 10 points: Is there an obvious effort involved in the completion of the project? Is it wonderful, amusing, interesting, and/or exciting?
- **Creativity** – 20 points: Does the design have a personal and unique quality to it, either in the design or in the coloring/presentation?

Accuracy:

8 – 10	<ul style="list-style-type: none"> All line segments are straight. All line segments end at the appropriate endpoints. Intervals along axes for each angle are evenly distributed.
5 – 7	<ul style="list-style-type: none"> Most line segments are straight. Most line segments end at the appropriate endpoints. Intervals along axes for each angle are mostly evenly distributed.
3 – 4	<ul style="list-style-type: none"> Some line segments are straight. Some line segments end at the appropriate endpoints. Intervals along axes for each angle are sometimes evenly distributed.
0 – 2	<ul style="list-style-type: none"> Most line segments are not straight. Line segments rarely end at the appropriate endpoints. Intervals along axes for each angle are rarely evenly distributed.

Neatness:

8 – 10	<ul style="list-style-type: none"> Erasures are well made (there is little to no evidence of original construction marks). There are no smudges. Coloring is neatly done and is pleasing to the eye. Care is taken in terms of the presentation of the design (e.g., it is centered and design is of large size and takes up most of the paper).
5 – 7	<ul style="list-style-type: none"> Erasures are mostly well made (there is little evidence of original construction marks). There are few smudges (1 – 3, but no more). Coloring is neatly done in most instances and is mostly pleasing to the eye. A good degree of care is taken in terms of the presentation of the design (e.g., it is centered and design is of large size, but there is a little too much whitespace around the design).
3 – 4	<ul style="list-style-type: none"> Erasures are sometimes well made (there is some evidence of original construction marks). There are smudges (4 – 5, but no more). Coloring is neatly done in some instances but only partially pleasing to the eye. Some care is taken in terms of the presentation of the design (e.g. design is of medium size and there is a little too much whitespace around the design).
0 – 2	<ul style="list-style-type: none"> Erasures are not well made (there is much evidence of original construction marks). There are many smudges (more than 5). Coloring is not neatly done and/or is not pleasing to the eye. No coloring is done. Little care is taken in terms of the presentation of the design (e.g. design is not centered and design is of a small size and there is too much whitespace around the design).

Effort:

8 – 10	<ul style="list-style-type: none"> • The project clearly shows that much effort was put into producing an excellent design. • The project looks complete – nothing was left undone. • Risks were taken in terms of design (design is complex; intervals along axes are very small; etc).
5 – 7	<ul style="list-style-type: none"> • The project shows that good effort was put into producing the design. • The project looks mostly complete – some touch is still required. • Some risks were taken in terms of design (design is relatively complex; intervals along axes are small; etc).
3 – 4	<ul style="list-style-type: none"> • The project looks like parts of it were thrown together at the last minute. • The project does not look complete – a lot of work is still required. • Few risks were taken in terms of design (design is relatively simple; intervals along axes are medium-sized; etc).
0 – 2	<ul style="list-style-type: none"> • The project looks as if it were put together in a hurry. • The project is not complete. • No risks were taken in terms of design (design is relatively simple; intervals along axes are large; etc).

Creativity:

16 – 20	<ul style="list-style-type: none"> • Very clever, creatively designed. • Design is original in nature (e.g. uses completely original design or combines non-original designs in an original way). • <i>“WOW”</i>
10 – 15	<ul style="list-style-type: none"> • Displays creative thinking. • Design is mostly original in nature (some portion of the design is copied from another source, but most is original). • <i>A decent amount of “WOW”</i>
5 – 9	<ul style="list-style-type: none"> • Shows some creative thinking. • Design is somewhat original in nature (most of the design is copied from another source, but some portions are original in nature). • <i>Not much “WOW”</i>
0 – 4	<ul style="list-style-type: none"> • Lacks creativity. • Design is fully copied from another source. • <i>No “WOW”</i>