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| **SUBJECT: MATHEMATICS GRADE 8** |  |
| **PROJECT** | |

**INSTRUCTIONS TO LEARNERS:**

1. Work in pairs.
2. Make neat drawings.

**AIM**: This project is designed to assess your knowledge on congruency and similarity.

**MATERIALS:**

* Set of mathematical instructions
* Ruler (30cm)
* Pen and pencil
* Provided A4 plain paper

1. Congruency and similarity are important concepts in 2D shapes. Answer the following questions:
2. Compare and contrast congruency and similarity. (2)
3. Are the following statements true or false? (1)

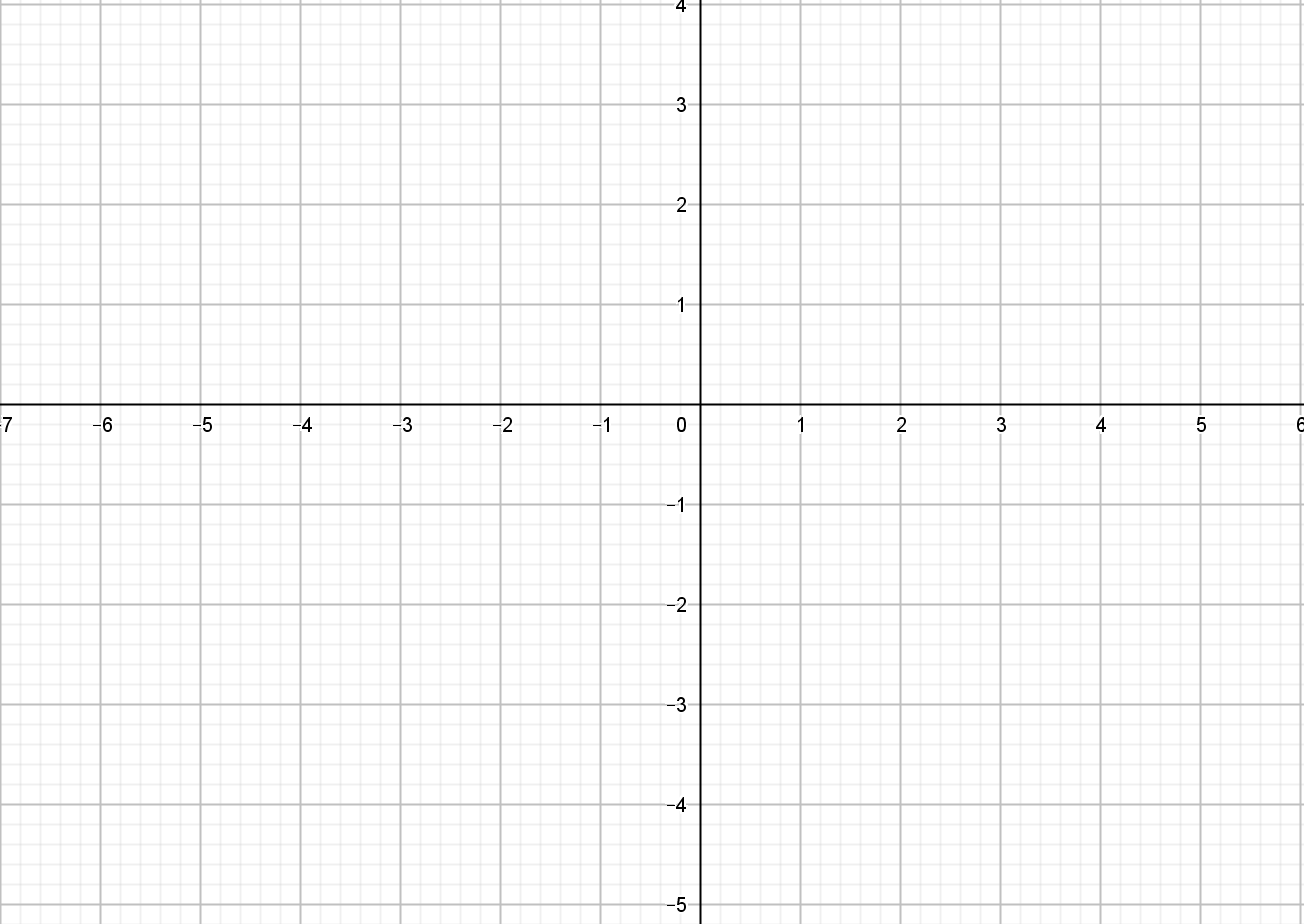
1. Figures that are congruent are similar. (1)
2. Figures that are similar are congruent. (1)
3. All rectangles are similar. (1)
4. All squares are similar.
5. Draw the on the first quadrant of the graph paper provided. (8)
6. Reflect and draw the (8)
7. Study the State whether they are similar or congruent. (2)

**TOTAL (25)**

**MEMORANDUM**

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| QUESTION 1 | 1. Similarity – same shape but different in size, and congruency – same shape and same size. 2. i no   ii yes  iii yes  iv no | (2)  (1)  (1)  (1)  (1) |
| **QUESTIONS 2**  **AND 3** |  | **(8)**  **(8)** |
| **QUESTION 4** |  | **(2)** |

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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