

Exercise 4.1 Page No: 4.3

**1. Fill in the blanks using the correct word given in brackets:**

**(i) All circles are \_\_\_\_\_\_\_\_\_\_\_\_ (congruent, similar).**

**(ii) All squares are \_\_\_\_\_\_\_\_\_\_\_ (similar, congruent).**

**(iii) All \_\_\_\_\_\_\_\_\_\_\_\_ triangles are similar (isosceles, equilaterals).**

**(iv) Two triangles are similar, if their corresponding angles are \_\_\_\_\_\_\_\_\_\_\_\_ (proportional, equal)**

**(v) Two triangles are similar, if their corresponding sides are \_\_\_\_\_\_\_\_\_\_\_\_ (proportional, equal)**

**(vi) Two polygons of the same number of sides are similar, if (a) \_\_\_\_\_\_\_\_\_\_\_\_their corresponding angles are and their corresponding sides are (b)\_\_\_\_\_\_\_\_\_\_\_\_ (equal, proportional).**