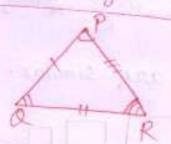
Tolangle (त्रिमुज)

* Congruence Triangle and Similar Triangle

Congruence Triangle

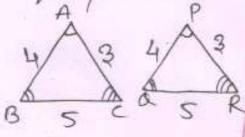


1 Corresponding Angles are 1

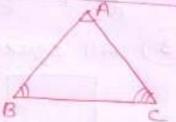
(ii) Corresponding Sides are equal.

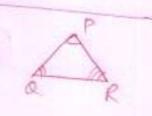
AABC≅APOR

if their shape and size are equal/same.



Similar Triangle



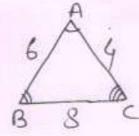


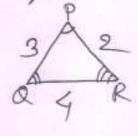
1 corresponding Angles are equal.

11) Corresponding strages sides

(11) AABC ~ APQR

IV) Two figures are similar if their shape one same and since are unequal.





Note: Two congruent figures are always similar but two similar figures need not be congruent

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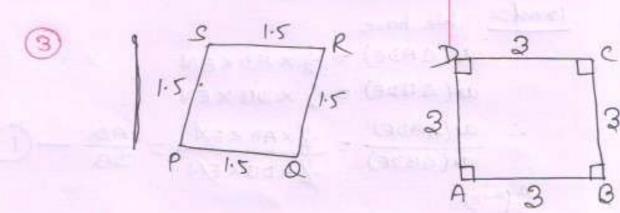
Exercise - 6.1



- i) Similar
 - ii) Similar
 - iii) Equilateral
 - iv) Equal, Proportional
- 2) Similar figures:—

 (a) All circles
 - 6 All squares
 - @ All Equilateral Triangles
- Mon-Similar figures

 a a circle and a square
- (b) a square and a triangle



Ans: Quad. ABCO and quad. PORS are not Similar because their corresponding Angles are not equal.