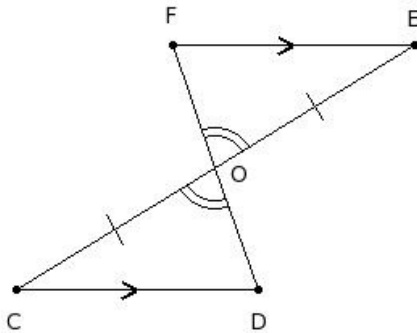




1. With the data in the given figure, $\triangle OFE \cong \triangle ODC$ by which property?



(i) ASA Congruency (ii) not congruent (iii) RHS Congruency (iv) SSS Congruency (v) SAS Congruency

2. In the given figure, which pair of triangles are not congruent ?

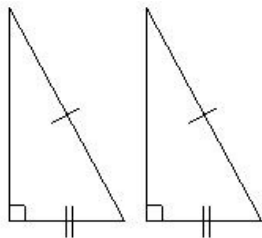


fig 3

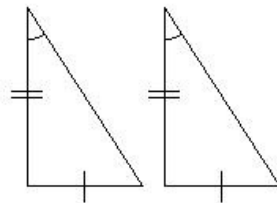


fig 4

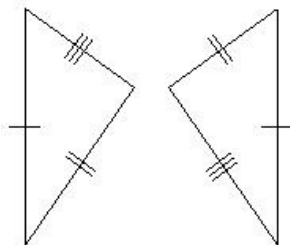


fig 1

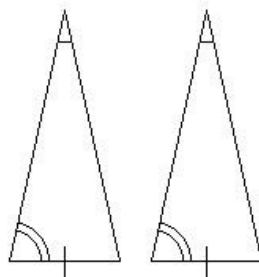
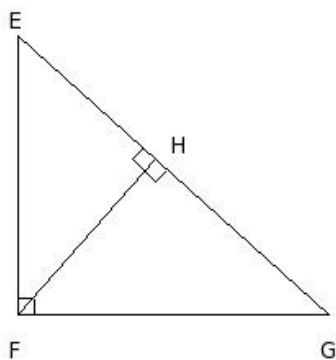


fig 2

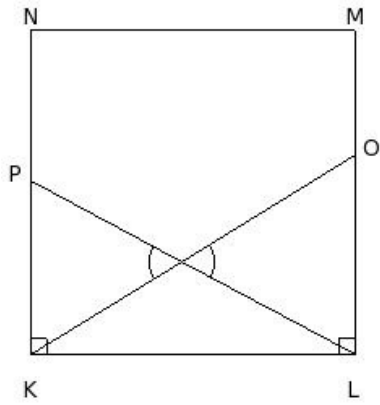
(i) fig 4 (ii) fig 3 (iii) fig 1 (iv) fig 2

3. With the data in the figure, $\triangle EHF \cong \triangle GHF$ by which property?



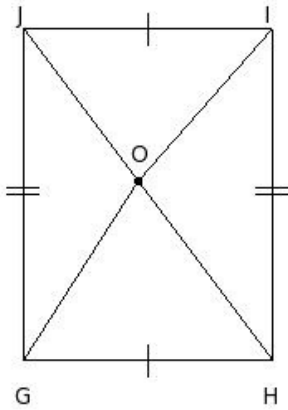
(i) not congruent (ii) SAS Congruency (iii) RHS Congruency (iv) ASA Congruency (v) SSS Congruency

4. With the data in the figure, $\triangle KLO \cong \triangle LKP$ by which property?



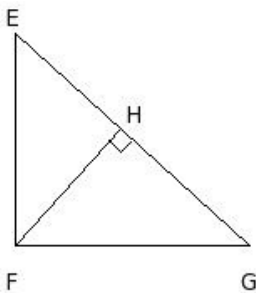
- (i) not congruent (ii) SSS Congruency (iii) RHS Congruency (iv) SAS Congruency (v) ASA Congruency

5. With the data in the figure, $\triangle GOH \cong \triangle JOI$ by which property?



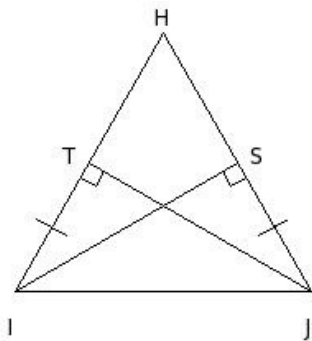
- (i) SAS Congruency (ii) ASA Congruency (iii) not congruent (iv) SSS Congruency (v) RHS Congruency

6. With the data in the figure, $\triangle EFH \cong \triangle GFH$ by which property?



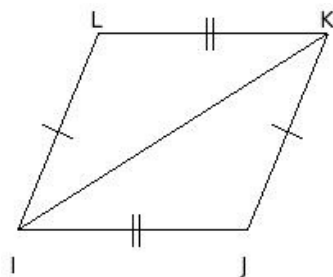
- (i) ASA Congruency (ii) SSS Congruency (iii) not congruent (iv) SAS Congruency (v) RHS Congruency

7. With the given data in the figure, $\triangle TIJ \cong \triangle SJI$ by which property?



- (i) RHS Congruency (ii) SSS Congruency (iii) ASA Congruency (iv) SAS Congruency (v) not congruent

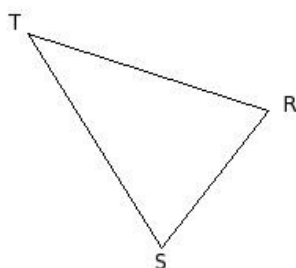
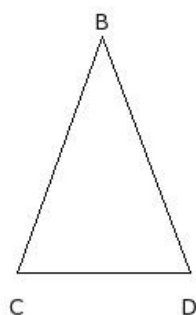
8. In the given figure, which of the following is true?



- (i) $\triangle ILK \cong \triangle JKI$ (ii) $\triangle IKL \cong \triangle IJK$ (iii) $\triangle IKL \cong \triangle IKJ$ (iv) $\triangle ILK \cong \triangle IJK$ (v) $\triangle IKL \cong \triangle KIJ$

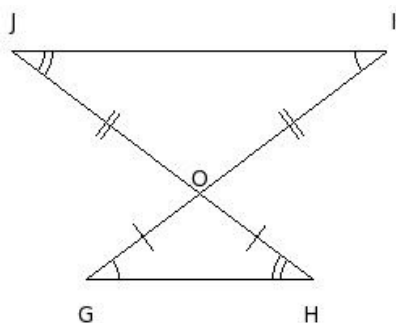
9. In the given figure, $\triangle BCD \cong \triangle TSR$. Which of the following are true?

- a) $\angle B = \angle R$
 b) $\angle C = \angle S$
 c) $CD = SR$
 d) $CD = TS$
 e) $\angle D = \angle R$



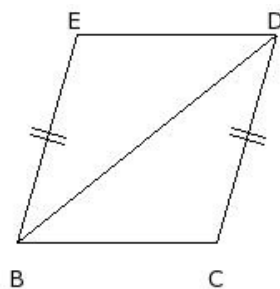
- (i) $\{b, c, e\}$ (ii) $\{a, b, c\}$ (iii) $\{a, d, e\}$ (iv) $\{d, c\}$ (v) $\{a, b\}$

10. With the data in the figure, $\triangle GOH \cong \triangle IOJ$ by which property?



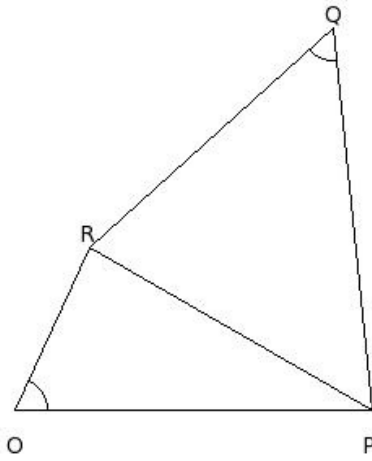
- (i) ASA Congruency (ii) RHS Congruency (iii) not congruent (iv) SAS Congruency (v) SSS Congruency

11. With the data in the figure, $\triangle BDE \cong \triangle DBC$ by which property?



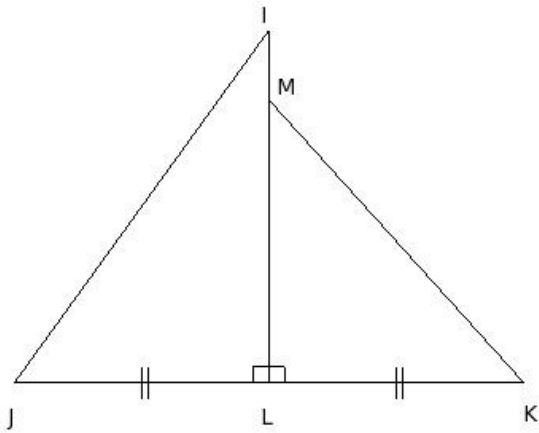
- (i) SSS Congruency (ii) RHS Congruency (iii) not congruent (iv) SAS Congruency (v) ASA Congruency

12. With the data in the given figure, $\triangle OPR \cong \triangle QRP$ by which property?



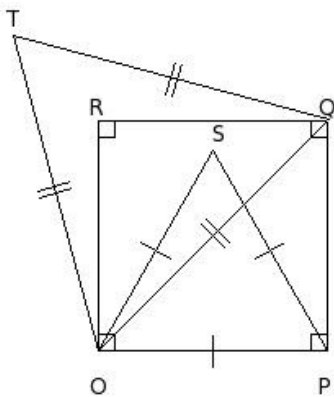
- (i) RHS Congruency (ii) not congruent (iii) SSS Congruency (iv) ASA Congruency (v) SAS Congruency

13. With the data in the figure, $\triangle IJL \cong \triangle MKL$ by which property?



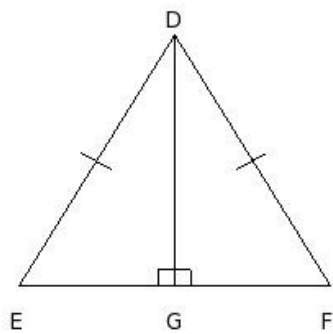
- (i) SAS Congruency (ii) ASA Congruency (iii) SSS Congruency (iv) RHS Congruency (v) not congruent

14. With the data in the figure, $\triangle OPS \cong \triangle OQT$ by which property?



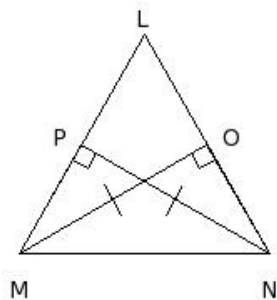
- (i) SSS Congruency (ii) not congruent (iii) RHS Congruency (iv) SAS Congruency (v) ASA Congruency

15. With the data in the given figure, $\triangle DEG \cong \triangle DFG$ by which property?



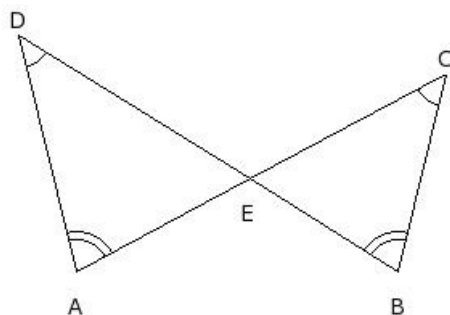
- (i) ASA Congruency (ii) not congruent (iii) RHS Congruency (iv) SSS Congruency (v) SAS Congruency

16. With the data in the given figure, $\triangle MON \cong \triangle NPM$ by which property?



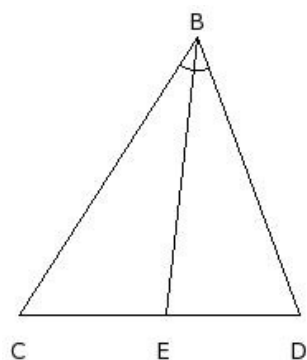
- (i) RHS Congruency (ii) ASA Congruency (iii) not congruent (iv) SAS Congruency (v) SSS Congruency

17. With the data in the figure, $\triangle AED \cong \triangle BEC$ by which property?



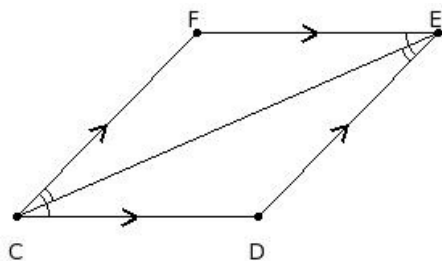
- (i) not congruent (ii) SSS Congruency (iii) ASA Congruency (iv) RHS Congruency (v) SAS Congruency

18. With the data in the figure, $\triangle BEC \cong \triangle BED$ by which property?



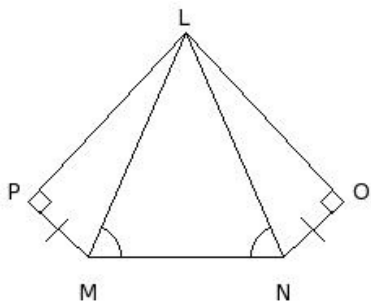
- (i) RHS Congruency (ii) SAS Congruency (iii) SSS Congruency (iv) ASA Congruency (v) not congruent

19. With the given data in the figure, $\triangle CDE \cong \triangle EFC$ by which property?



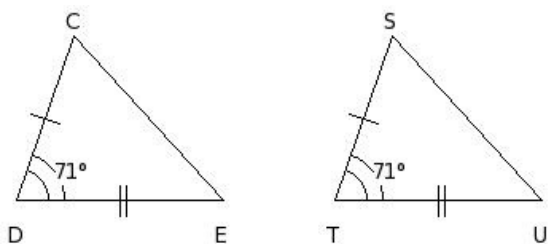
- (i) ASA Congruency (ii) RHS Congruency (iii) SAS Congruency (iv) not congruent (v) SSS Congruency

20. With the data in the given figure, $\triangle LMP \cong \triangle LNO$ by which property?



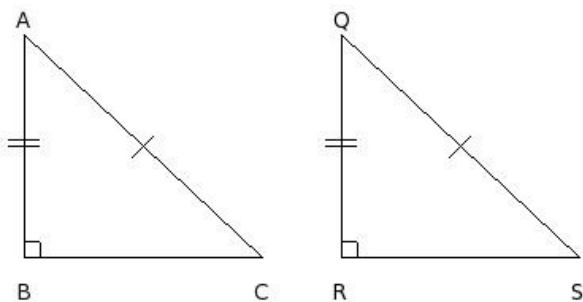
- (i) SSS Congruency (ii) RHS Congruency (iii) not congruent (iv) ASA Congruency (v) SAS Congruency

21. Identify the property by which the two given triangles are congruent



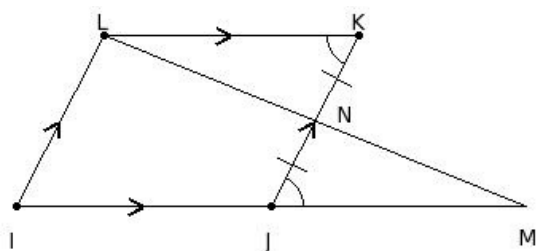
- (i) ASA Congruency (ii) RHS Congruency (iii) SAS Congruency (iv) SSS Congruency

22. Identify the property by which the two given triangles are congruent



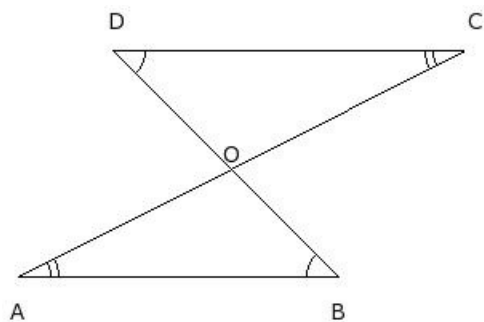
- (i) SSS Congruency (ii) RHS Congruency (iii) ASA Congruency (iv) SAS Congruency

23. With the given data in the figure, $\triangle LKN \cong \triangle MJN$ by which property?



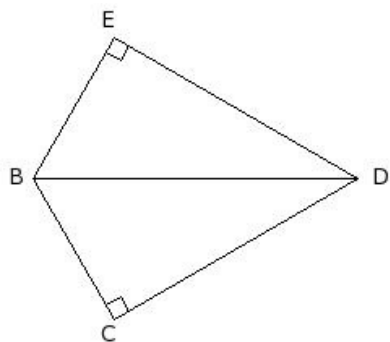
- (i) SSS Congruency (ii) ASA Congruency (iii) SAS Congruency (iv) RHS Congruency (v) not congruent

24. With the data in the figure, $\triangle AOB \cong \triangle COD$ by which property?



- (i) SSS Congruency (ii) not congruent (iii) RHS Congruency (iv) SAS Congruency (v) ASA Congruency

25. With the data in the figure, $\triangle BDE \cong \triangle BDC$ by which property?



- (i) SAS Congruency (ii) SSS Congruency (iii) not congruent (iv) ASA Congruency (v) RHS Congruency

Assignment Key

1) (i)	2) (i)	3) (i)	4) (i)	5) (iii)	6) (iii)
7) (i)	8) (v)	9) (i)	10) (iii)	11) (iii)	12) (ii)
13) (v)	14) (ii)	15) (iii)	16) (i)	17) (i)	18) (v)
19) (i)	20) (ii)	21) (iii)	22) (ii)	23) (ii)	24) (ii)
25) (iii)					