

16. If $\triangle EFG \cong \triangle HJK$, complete each part.

- a) $\overline{EG} \cong$ _____
- b) $\overline{HJ} \cong$ _____
- c) $\angle F \cong$ _____
- d) $\angle H \cong$ _____
- e) $\triangle FGE \cong$ _____

17. If $\triangle PQR \cong \triangle STU$, complete each part.



- a) $ST =$ _____
- b) $SU =$ _____
- c) $m\angle R =$ _____
- d) $m\angle Q =$ _____
- e) $m\angle S =$ _____

18. What method can be used to prove the triangles below are congruent?



- A. SAS
- B. AAS
- C. ASA
- D. Not Possible



19. What method can be used to prove the triangles below are congruent?



- A. SAS
- B. AAS
- C. ASA
- D. Not Possible



20. What method can be used to prove the triangles below are congruent?



- A. SAS
- B. AAS
- C. ASA
- D. Not Possible



21. What method can be used to prove the triangles below are congruent?



- A. SSS
- B. SAS
- C. HL
- D. Not Possible



Determine if the triangles can be proved congruent, if possible, by SSS, SAS, ASA, AAS, or HL. Write your answer on the line provided. If not congruent, write "not congruent."

22. _____



23. _____



24. _____



25. _____



26. _____



27. _____



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Thomas Griffiths



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