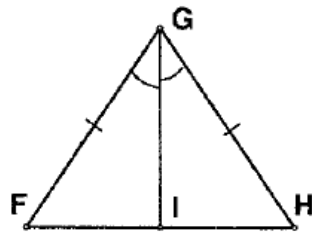
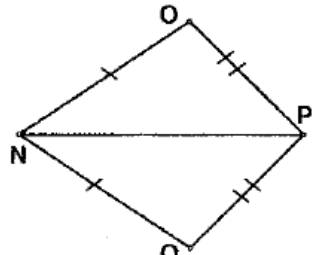
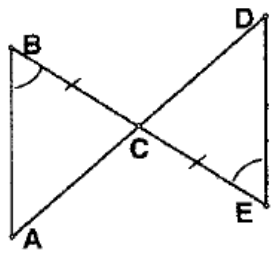
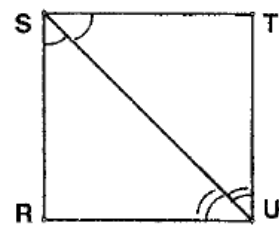
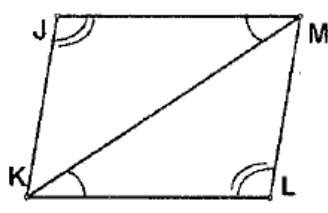
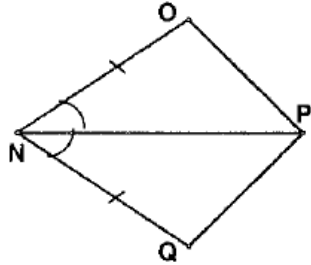
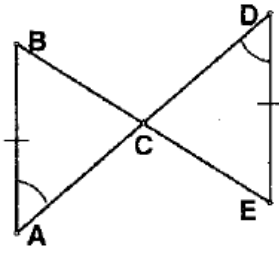
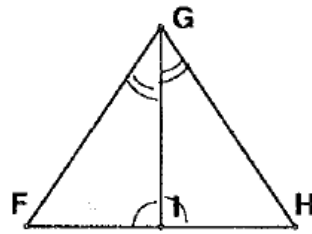
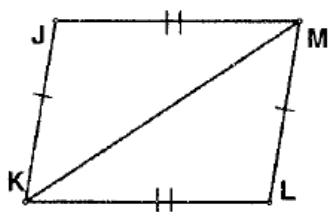
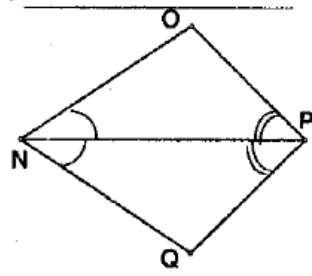
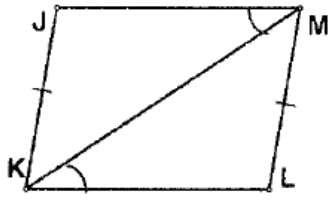
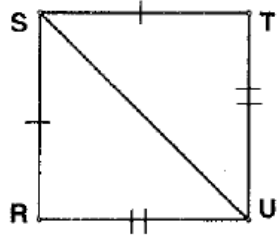


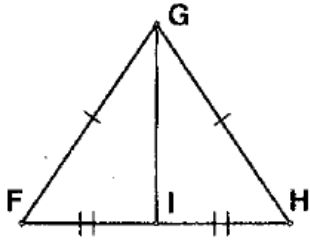
Triangle Congruence Worksheet

For each pair of triangles, state the postulate or theorem that can be used to conclude that the triangles are congruent.

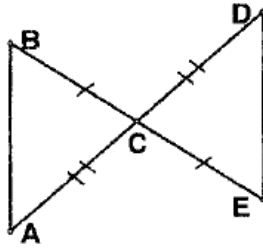
<p>1. _____</p> 	<p>2. _____</p> 	<p>3. _____</p> 
<p>4. _____</p> 	<p>5. _____</p> 	<p>6. _____</p> 
<p>7. _____</p> 	<p>8. _____</p> 	<p>9. _____</p> 
<p>10. _____</p> 	<p>11. _____</p> 	<p>12. _____</p> 

Triangle Congruence Worksheet

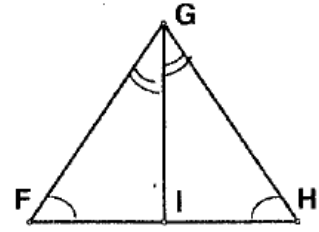
13. _____



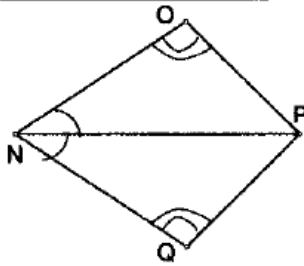
14. _____



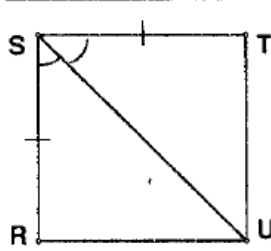
15. _____



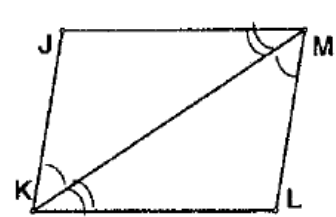
16. _____



17. _____



18. _____



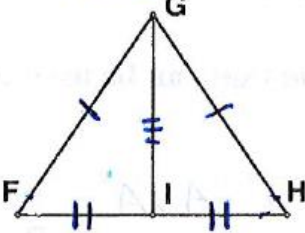
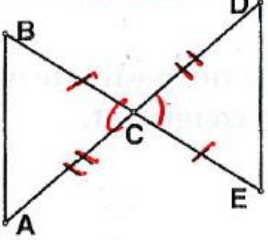
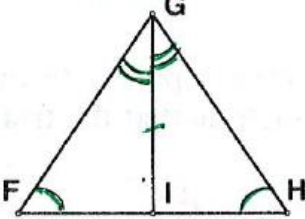
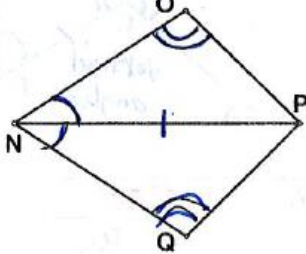
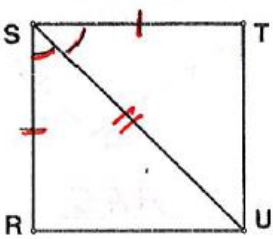
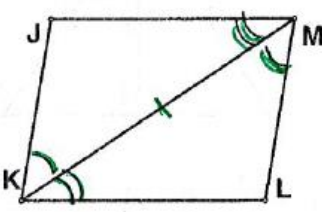
Answers

Triangle Congruence Worksheet

For each pair of triangles, state the postulate or theorem that can be used to conclude that the triangles are congruent.

<p>1. <u>SAS</u></p>	<p>2. <u>SSS</u></p>	<p>3. <u>ASA</u></p>
<p>4. <u>ASA</u></p>	<p>5. <u>AAS</u></p>	<p>6. <u>SAS</u></p>
<p>7. <u>AAS</u></p>	<p>8. <u>ASA</u></p>	<p>9. <u>SSS</u></p>
<p>10. <u>ASA</u></p>	<p>11. <u>NOT \cong</u></p>	<p>12. <u>SSS</u></p>

Answers

<p>13. <u>SSS</u></p> 	<p>14. <u>SAS</u></p> 	<p>15. <u>AAS</u></p> 
<p>16. <u>AAS</u></p> 	<p>17. <u>SAS</u></p> 	<p>18. <u>ASA</u></p> 

Triangle Congruence Worksheet

For each set of triangles above, complete the triangle congruence statement.

- | | | |
|--|---|---|
| 1. $\triangle FIG \cong \triangle$ _____ | 7. $\triangle ACB \cong \triangle$ _____ | 13. $\triangle FIG \cong \triangle$ _____ |
| 2. $\triangle NOP \cong \triangle$ _____ | 8. $\triangle GFI \cong \triangle$ _____ | 14. $\triangle CAB \cong \triangle$ _____ |
| 3. $\triangle ABC \cong \triangle$ _____ | 9. $\triangle KLM \cong \triangle$ _____ | 15. $\triangle FGI \cong \triangle$ _____ |
| 4. $\triangle STU \cong \triangle$ _____ | 10. $\triangle PON \cong \triangle$ _____ | 16. $\triangle NOP \cong \triangle$ _____ |
| 5. $\triangle JKM \cong \triangle$ _____ | 11. $\triangle KJM \cong \triangle$ _____ | 17. $\triangle RUS \cong \triangle$ _____ |
| 6. $\triangle OPN \cong \triangle$ _____ | 12. $\triangle SUR \cong \triangle$ _____ | 18. $\triangle JKM \cong \triangle$ _____ |

Answers

For each set of triangles above, complete the triangle congruence statement.

1. $\triangle FIG \cong \triangle \underline{HIG}$

7. $\triangle ACB \cong \triangle \underline{DCE}$

13. $\triangle FIG \cong \triangle \underline{HIG}$

2. $\triangle NOP \cong \triangle \underline{NQP}$

8. $\triangle GFI \cong \triangle \underline{GHI}$

14. $\triangle CAB \cong \triangle \underline{CDE}$

3. $\triangle ABC \cong \triangle \underline{DEC}$

9. $\triangle KLM \cong \triangle \underline{MJK}$

15. $\triangle FGI \cong \triangle \underline{HGI}$

4. $\triangle STU \cong \triangle \underline{SRU}$

10. $\triangle PON \cong \triangle \underline{PQN}$

16. $\triangle NOP \cong \triangle \underline{NQP}$

5. $\triangle JKM \cong \triangle \underline{LMK}$

11. $\triangle KJM \cong \triangle \underline{MLK}$

17. $\triangle RUS \cong \triangle \underline{TUS}$

6. $\triangle OPN \cong \triangle \underline{QPN}$

12. $\triangle SUR \cong \triangle \underline{SUT}$

18. $\triangle JKM \cong \triangle \underline{LMK}$