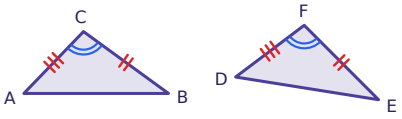
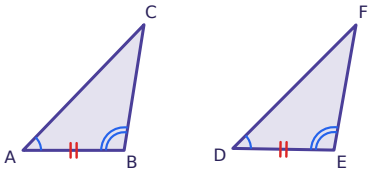
Task card 1 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



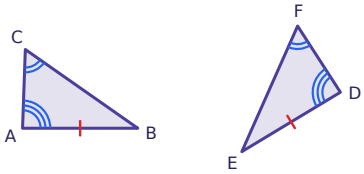
Task card 2 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



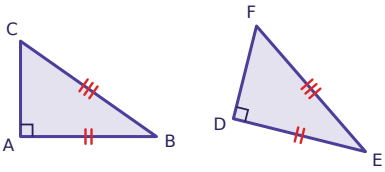
Task card 3 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



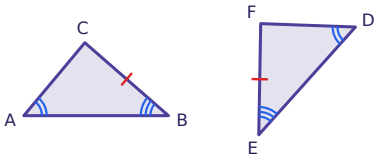
Task card 4 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



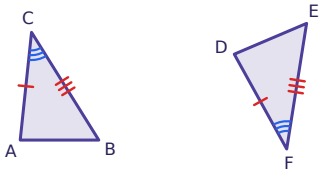
Task card 5 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



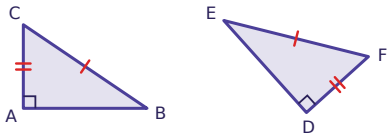
Task card 6 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



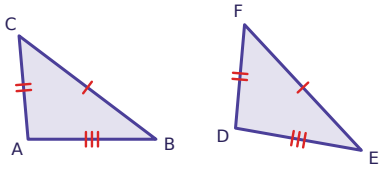
Task card 7 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



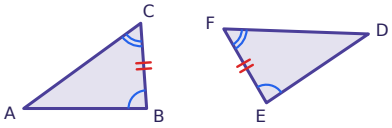
Task card 8 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



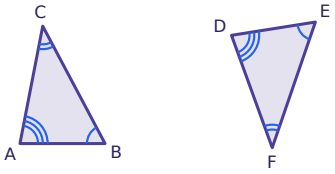
Task card 9 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



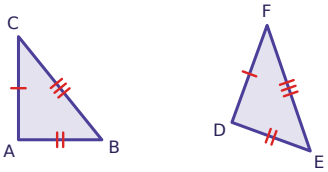
Task card 10 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



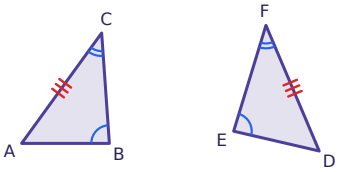
Task card 11 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



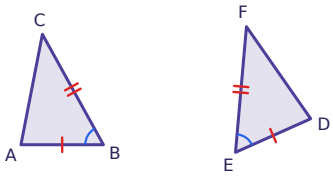
Task card 12 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



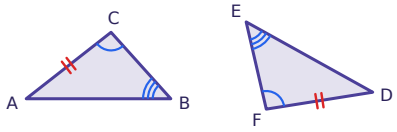
Task card 13 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



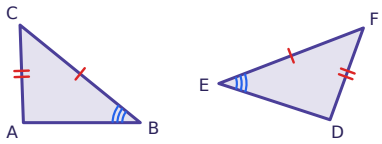
Task card 14 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



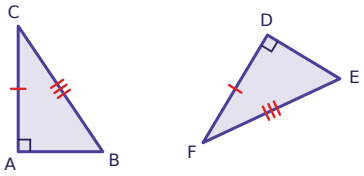
Task card 15 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



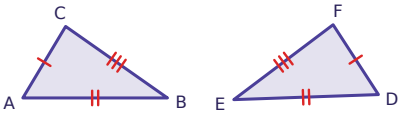
Task card 16 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



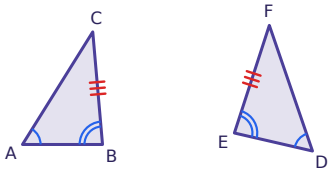
Task card 17 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



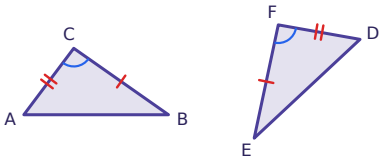
Task card 18 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



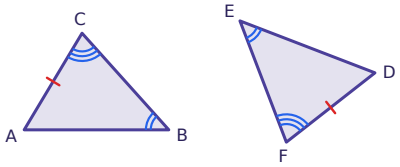
Task card 19 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



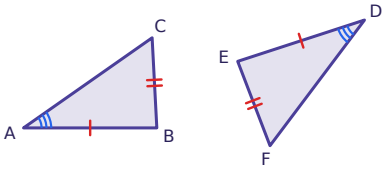
Task card 20 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



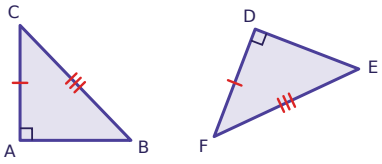
Task card 21 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



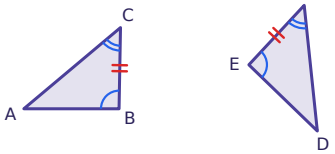
Task card 22 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



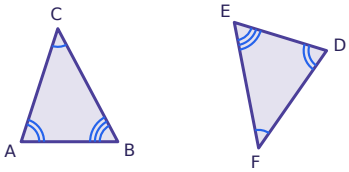
Task card 23 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



Task card 24 Triangle Congruence: SSS, SAS, ASA...

Which postulate or theorem, if any, proves △ABC ≅ △DEF? (SSS, SAS, ASA, AAS, HL, or none)



Triangle Congruence: SSS, SAS, ASA, AAS & HL Task Cards

Recording sheet · Grade 10 · Matching tick marks show congruent sides and matching arcs show congruent angles. Write SSS, SAS, ASA, AAS or HL, or write none if the marked parts do not prove the triangles congruent.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Triangle Congruence: SSS, SAS, ASA, AAS & HL Task Cards: Answer Key

Grade 10 · Medium

The answers online

1. SAS	**2.** ASA	**3.** AAS
4. HL	**5.** AAS	**6.** SAS
7. HL	**8.** SSS	**9.** ASA
10. none	**11.** SSS	**12.** AAS
13. SAS	**14.** AAS	**15.** none
16. HL	**17.** SSS	**18.** AAS
19. SAS	**20.** AAS	**21.** none
22. HL	**23.** ASA	**24.** none