Name_____
Due Date_____
Block_____

Intro to Proofs #1.6

Fill in the blanks by applying the stated definitions, postulates, properties and theorems.

1. $\overline{EF} \cong \overline{GH}$	1. Given
2. $\overline{GH} \cong \overline{LM}$	2. Given
3. $\overline{TU} \cong \overline{EF}$	3. Given
4. _____	4. Definition of Congruent Line Segs (1)
5. _____	5. Def of Congruent Line Segs (2)
6. _____	6. Def of Congruent Line Segs (3)
7. _____	7. Transitive Prop (4,5)
8. _____	8. Transitive Prop (6,4)
9. _____	9. Trans Prop (8,5)
10. _____	10. Symm Prop (4)
11. _____	11. Symm Prop (5)
12. _____	12. Symm Prop (6)
13. _____	13. Add Prop (9,10)
14. _____	14. Division Prop (13,12)
15. _____	15. Subtraction Prop (14,11)

Name_____
Due Date_____
Block_____

Intro to Proofs #1.6

16. _____	16. Add Prop (11,12)
17. _____	17. Add Prop (10,16)
18. _____	18. Symm Prop (16)
19. _____	19. Subtraction Prop (17,10)
20. _____	20. Def Congruent line Segs (7)
21. _____	21. Def. Congruent line Segs (8)
22. _____	22. Definition of Congruent Line Segs (9)
23. _____	23. Definition of Congruent Line Segs (10)
24. _____	24. Definition of Congruent Line Segs (11)
25. _____	25. Multplication Property (14,12)