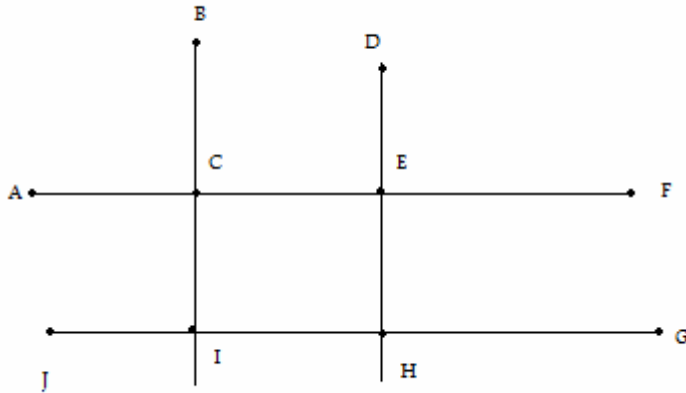


Name _____

Due Date _____

Block _____

Intro to Proofs #1.8



1.

Fill in the blanks:

1. $\overline{AF} \perp \overline{BI}$

1. Given

2. $\overline{JG} \perp \overline{BI}$

2. Given

3. $\overline{AF} \perp \overline{DH}$

3. Given

4. $\overline{JG} \perp \overline{DH}$

4. Given

5. $\angle ACB$ is a right angle

5. _____

6. $\angle DEF$ is a right angle

6. _____

7. $\angle JIC$ is a right angle

7. _____

8. $\angle GHE$ is a right angle

8. _____

9. _____

9. Definition of right angle (5)

10. _____

10. Definition of right angle (6)

11. _____

11. Definition of right angle (7)

12. _____

12. Definition of right angle (8)

13. _____

13. Symmetric Prop (10)

14. _____

14. Transitive (9,13)

15. _____

15. Symmetric (11)

16. _____

16. Transitive (9,15)

17. _____

17. Symmetric (12)

18. _____

18. Transitive (9,17)

19. _____

19. Addition Prop (14,16)

Name _____

Due Date _____

Block _____

Intro to Proofs #1.8

20.	20. Addition Prop (9,10)
21.	21. Definition of Supplementary (20)
22.	22. Definition of Congruent Angles (14)
23.	23. Symmetric (16)
24.	24. Transitive (14,23)
25. \overline{BI} bisects \overline{AE}	25. Given
26. \overline{BI} bisects \overline{JH}	26. Given
27. \overline{CF} bisects \overline{DH}	27. Given
28.	28. Definition of Seg. Bisector (25)
29.	29. Definition of Seg. Bisector (26)
30.	30. Definition of Seg. Bisector (27)
31.	31. Def of Congruent Line Segs (28)
32.	32. Def. of Congruent Line Segs (29)
33.	33. Def. of Congruent line segs (30)
34.	34. Subtraction Prop (31,32)
35.	35. Division Prop (34,33)
36. $3=3$	36.
37.	37. Multiplication Prop (36,32)