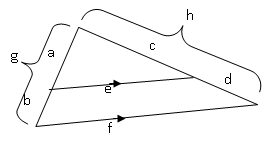
7 - 4 & 7 - 5 Proportional Lengths HW

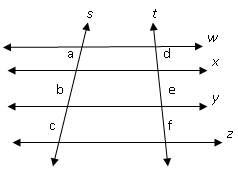
Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block\_\_\_\_\_

The diagram shows a segment parallel to one side of a triangle. For Exercises 1-4, tell whether the proportion is correct. *(Write True or False.)*

\_\_\_\_\_\_\_1. = \_\_\_\_\_\_\_\_\_\_\_\_2. =

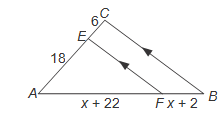
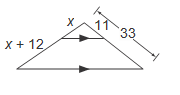
\_\_\_\_\_\_\_\_3. = \_\_\_\_\_\_\_\_4. =

For Exercises 5-8, tell whether the proportion is correct. *(Write True or False.)*

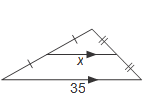
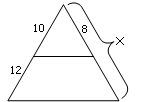
\_\_\_\_\_\_\_\_5. = \_\_\_\_\_\_\_\_ 6. =

\_\_\_\_\_\_\_\_7. = \_\_\_\_\_\_\_\_8. =

For Exercises 9-18, find the value of x.

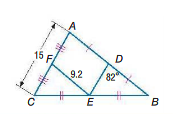
9. 10.

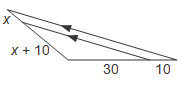
x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_



11. 12.

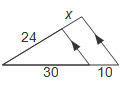
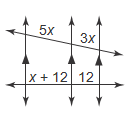
x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_



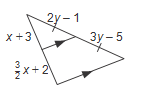
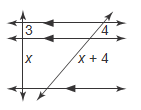
13. 14.

DE = \_\_\_\_\_\_\_

DB = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_

15. 16. 

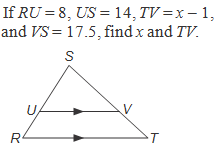
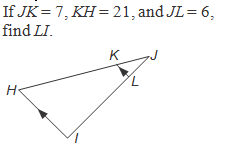
x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_

17.  18.

x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_

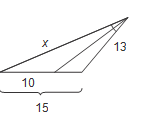
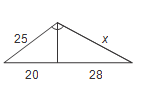
y = \_\_\_\_\_\_\_

For Exercises 19-24, find x and the indicated measures.

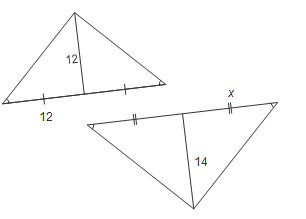
19.  20. 

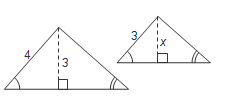
x = \_\_\_\_\_\_\_

TV = \_\_\_\_\_\_\_ LI = \_\_\_\_\_\_\_

21. 22.

x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_



23. 24. 

x = \_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_