

Geometry  
WS Side-Splitter Theorem

NAME \_\_\_\_\_  
Period \_\_\_\_\_

Use the figure at the right to complete each proportion.

1.  $\frac{CF}{\square} = \frac{AC}{AI}$

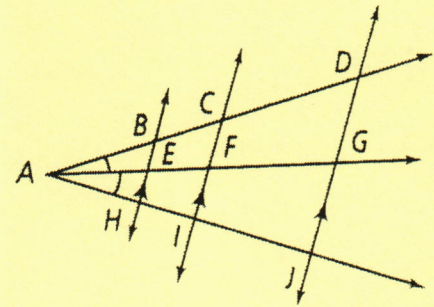
2.  $\frac{AB}{BC} = \frac{\square}{HI}$

3.  $\frac{\square}{IJ} = \frac{BC}{HI}$

4.  $\frac{JG}{\square} = \frac{GD}{AD}$

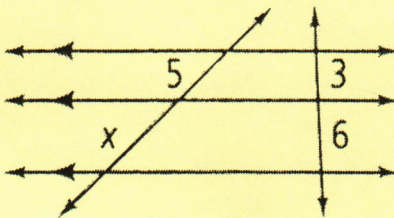
5.  $\frac{FG}{EF} = \frac{CD}{\square}$

6.  $\frac{AC}{AI} = \frac{\square}{IJ}$

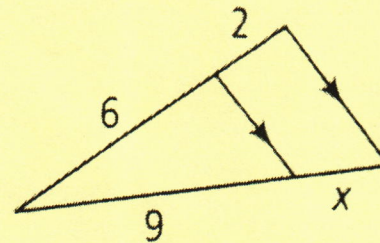


Solve for X:

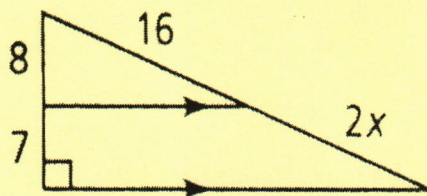
7.



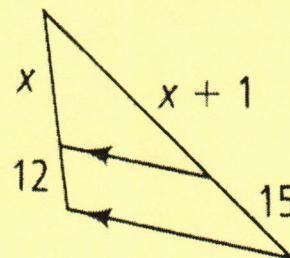
8.



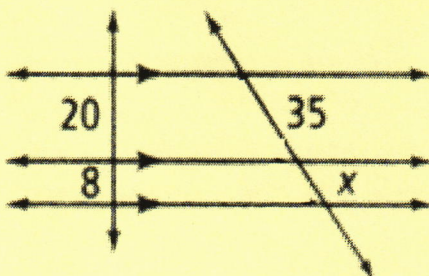
9.



10.



11.



12.

