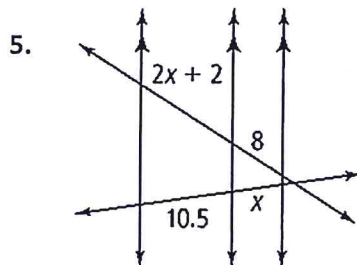
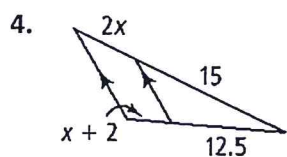
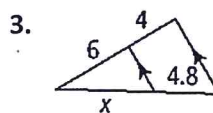
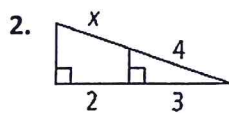
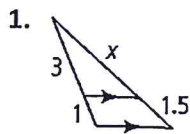
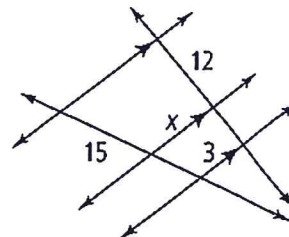


Side-Splitter Theorem Practice

Name: _____ Date: _____ Hour: _____



6. **Error Analysis** A classmate says you can use the Corollary to the Side-Splitter Theorem to find the value of x . Explain what is wrong with your classmate's statement.



Use the figure at the right to complete each proportion.

7. $\frac{a}{c} = \frac{\boxed{}}{f}$

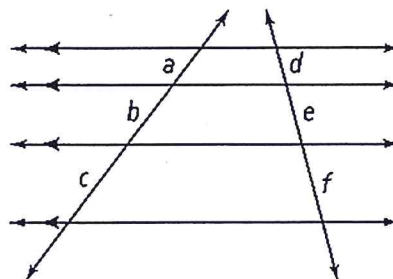
8. $\frac{f}{e} = \frac{c}{\boxed{}}$

9. $\frac{\boxed{}}{c} = \frac{e}{f}$

10. $\frac{a}{\boxed{}} = \frac{b}{e}$

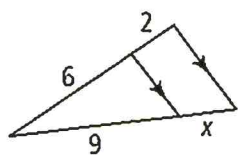
11. $\frac{a}{b} = \frac{\boxed{}}{e}$

12. $\frac{e}{\boxed{}} = \frac{f}{c}$

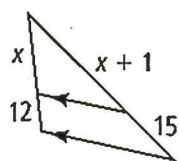


Solve for x .

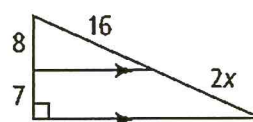
13.



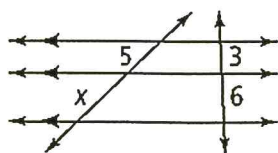
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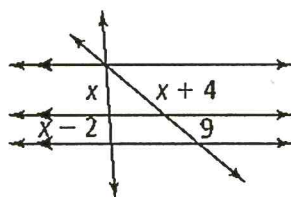
15.



16.



17.



18.

