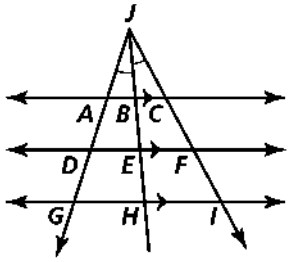
Name_____ Class_____ Date_____

Practice 7-5

Proportions in Triangles

Use the figure at the right to complete each proportion.



1. $\frac{AD}{DG} = \frac{?}{EH}$

2. $\frac{CF}{BE} = \frac{FI}{?}$

3. $\frac{JA}{JC} = \frac{AB}{?}$

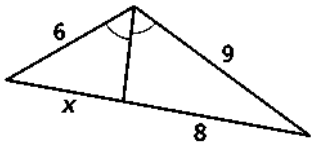
4. $\frac{JF}{FE} = \frac{?}{DE}$

5. $\frac{GH}{HI} = \frac{?}{?}$

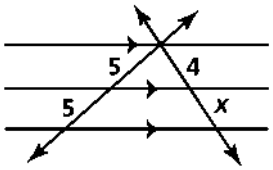
6. $\frac{AD}{AG} = \frac{?}{BH}$

Algebra **Find the values of the variables.**

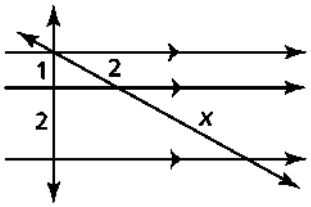
7.



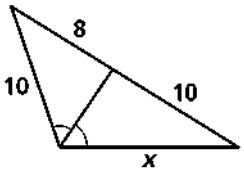
8.



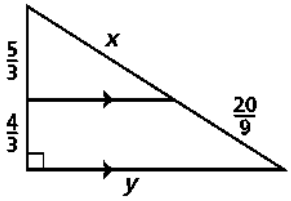
9.



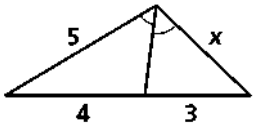
10.



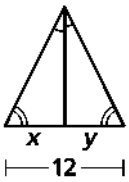
11.



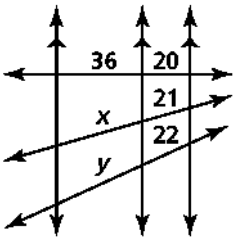
12.



13.

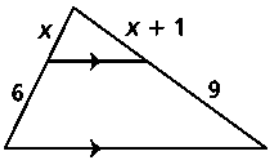


14.

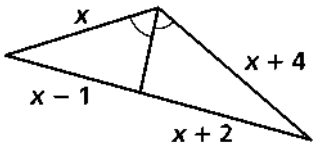


Algebra **Solve for *x*.**

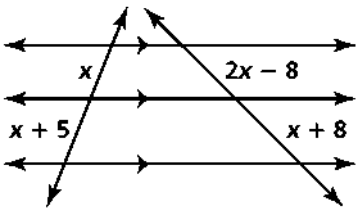
15.



16.



17.



© Pearson Education, Inc., publishing as Pearson Prentice Hall. All rights reserved.