

Practice 7-5

Proportions in Triangles

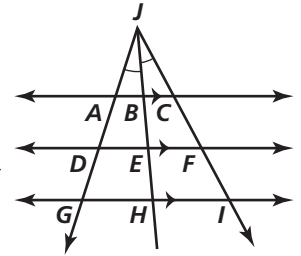
Use the figure at the right to complete each proportion.

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

2. $\frac{JA}{JC} = \frac{AB}{?}$ _____

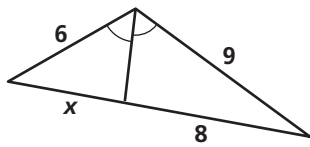
3. $\frac{JF}{FE} = \frac{?}{DE}$ _____

4. $\frac{AD}{AG} = \frac{?}{BH}$ _____

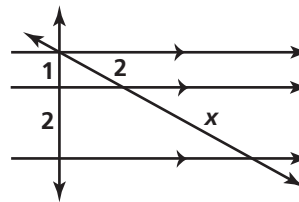


Algebra Find the values of the variables.

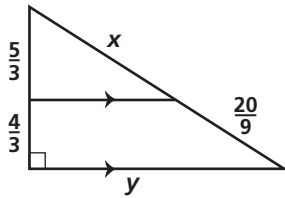
5. $x =$ _____



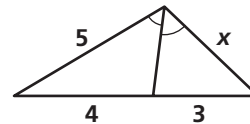
6. $x =$ _____



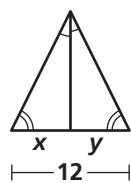
7. $x =$ _____, $y =$ _____



8. $x =$ _____

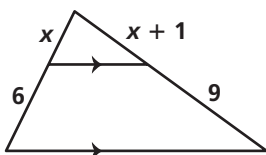


9. $x =$ _____, $y =$ _____

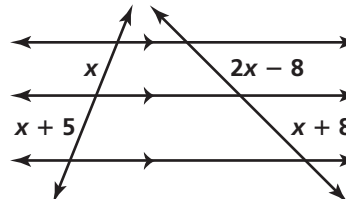


Algebra Solve for x .

10. _____



11. _____



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