

Practice 7-5

Proportions in Triangles

Use the figure at the right to complete each proportion.

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

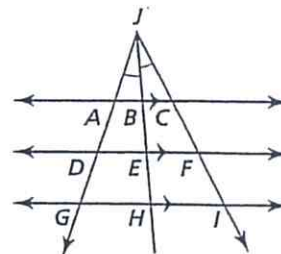
2. $\frac{CF}{BE} = \frac{FI}{?}$

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

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

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

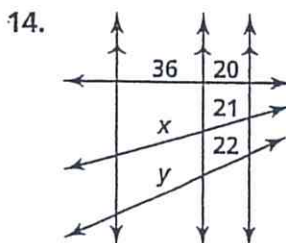
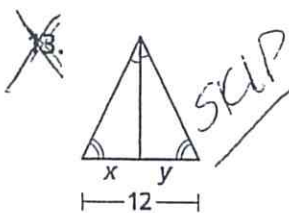
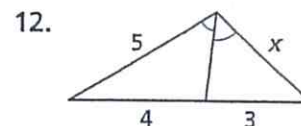
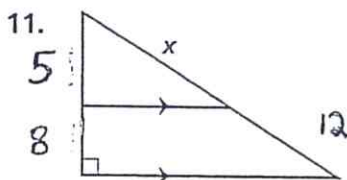
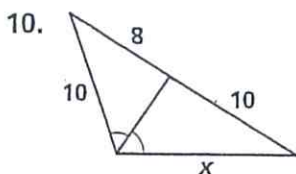
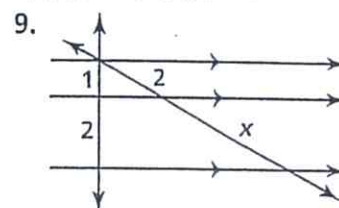
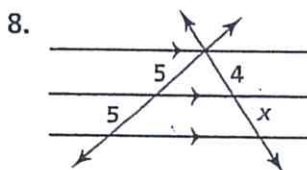
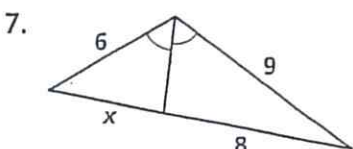
6. $\frac{AD}{AG} = \frac{?}{BH}$



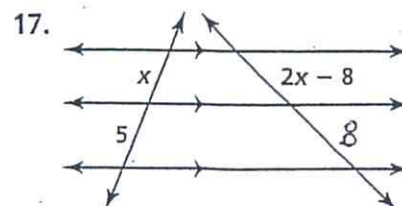
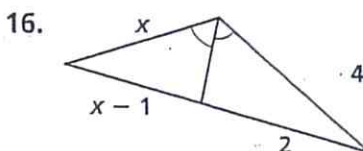
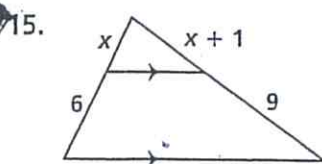
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Algebra Find the values of the variables.

Use proportions. Show all work. No decimals!



Algebra Solve for x.



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