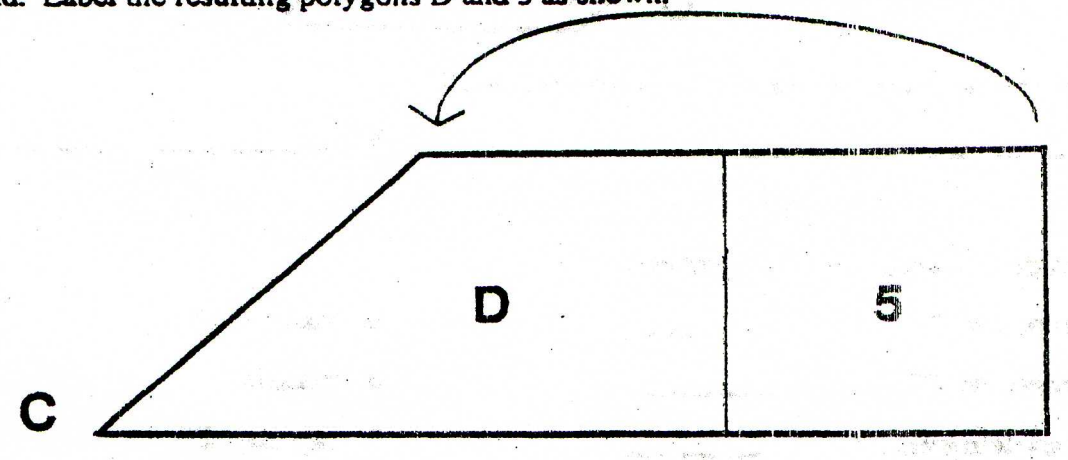
13. Triangle 4 is what fractional part of:

a. triangle 3? _____ b. triangle 1? _____

c. triangle A? _____ d. trapezoid C? _____

e. trapezoid B? _____ f. the original square? _____

On trapezoid C, fold the vertex of the right angle at one endpoint of the shortest of the parallel sides to match the other endpoint as shown. Crease the paper, and cut along the fold. Label the resulting polygons D and 5 as shown.



14. What are the geometric names for polygons D and 5?

a. _____ b. _____

15. Square 5 is what fractional part of:

a. trapezoid C? _____ b. triangle 4? _____

c. triangle 3? _____ d. trapezoid B? _____

e. trapezoid D? _____ f. triangle 1? _____

g. triangle A? _____ h. the original square? _____

16. Trapezoid C is what fractional part of:

a. trapezoid D? _____ b. square 5? _____

c. triangle 1? _____ d. the original square? _____

17. For each part of problem 16, explain how you arrived at your answer.