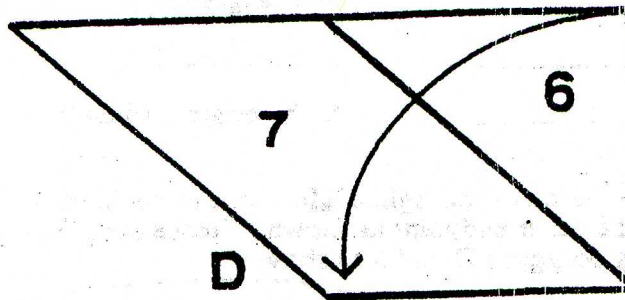


On trapezoid D, fold the vertex of the right angle on the longest of the parallel sides to match the opposite vertex as shown below. Crease the paper on the fold. Cut and label the last two polygons 6 and 7 as shown.



18. What are the geometric names for polygons 6 and 7?

a. _____

b. _____

19. Triangle 6 is what fractional part of:

a. trapezoid D? _____

b. triangle A? _____

c. trapezoid C? _____

d. triangle 3? _____

e. parallelogram 7? _____

f. trapezoid B? _____

g. square 5? _____

h. the original square? _____

20. Trapezoid D is what fractional part of:

a. trapezoid C? _____

b. triangle 3? _____

c. trapezoid B? _____

d. triangle 1? _____

21. Parallelogram 7 is what fractional part of:

a. trapezoid D? _____

b. triangle 1? _____

c. triangle 4? _____

d. triangle 3? _____

e. square 5? _____

f. trapezoid B? _____

g. triangle A? _____

h. the original square? _____

i. trapezoid C? _____