

9. Examine the two wallpaper patterns in Figures 5 and 6.

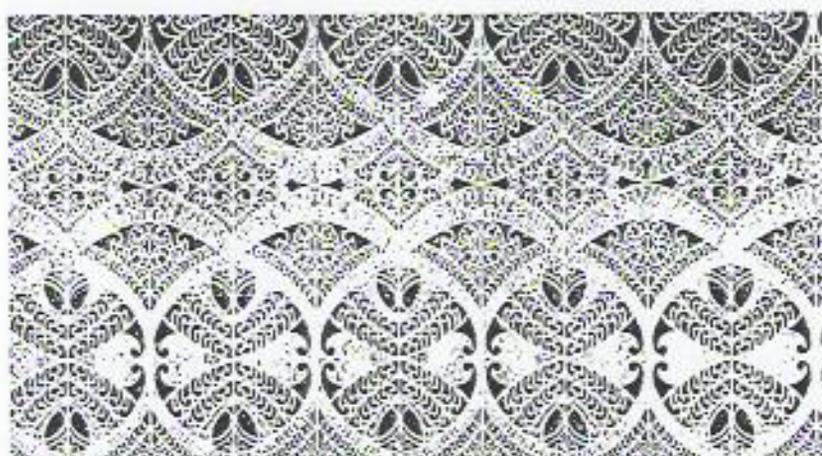


Figure 5

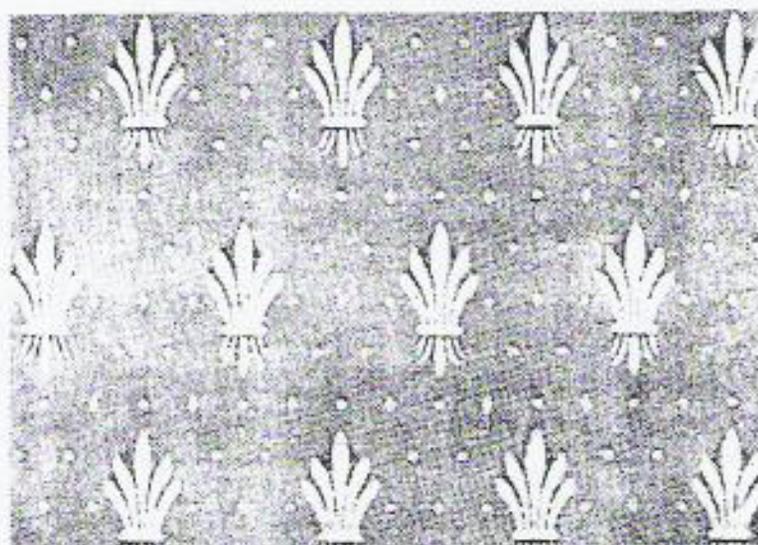


Figure 6

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- (a) Find any motif in Figure 5 which will generate the whole wallpaper pattern when translated in two different directions. Identify this motif clearly on the copy of Figure 5 on your answer sheet. [2]
- (b) Classify Figure 6 using the standard symbolic notation for wallpaper patterns. [3]
- (c) Are these two wallpaper patterns of the same or of different types? Give reasons for your answer. [3]