

GEM1518 Mathematics in Art and Architecture, 2003/04 II, Tutorial 10 Solutions

1. Determine the symmetry group of the following wallpaper patterns.

Solution: Going left to right:

- a. p1
- b. p2
- c. pm
- d. pgg
- e. pm
- f. pg
- g. pmg
- h. cmm
- i. cm
- j. p4g
- k. p4m
- l. p4
- m. p3
- n. p6m
- o. p31m
- p. p3m1
- q. p6

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