(1) Determine the following compositions:

(a) \( G_1 \circ R \) (\( R \) followed by \( G_1 \)), where \( R \) is a clockwise 90° rotation and \( G_1 \) is a vertical glide reflection.
(b)

$M \ast G$ (G followed by M), where $M$ is a vertical reflection and $G$ is a diagonal glide reflection.
\( R_6 \circ R_3 \) (\( R_3 \) followed by \( R_6 \)), where \( R_6 \) is a clockwise 60° rotation and \( R_3 \) is a counterclockwise 120° rotation.
(2) Determine the following images:

(a)

\[ G_2[R] = \]
(b)

\[ R[G] = \]
\( G_S[G_L] = \)
(3) Classify the following wallpaper patterns:

(a)
(4) Color the given patterns as indicated and classify them, indicating color-inconsistencies as appropriate:

(a)
(b)