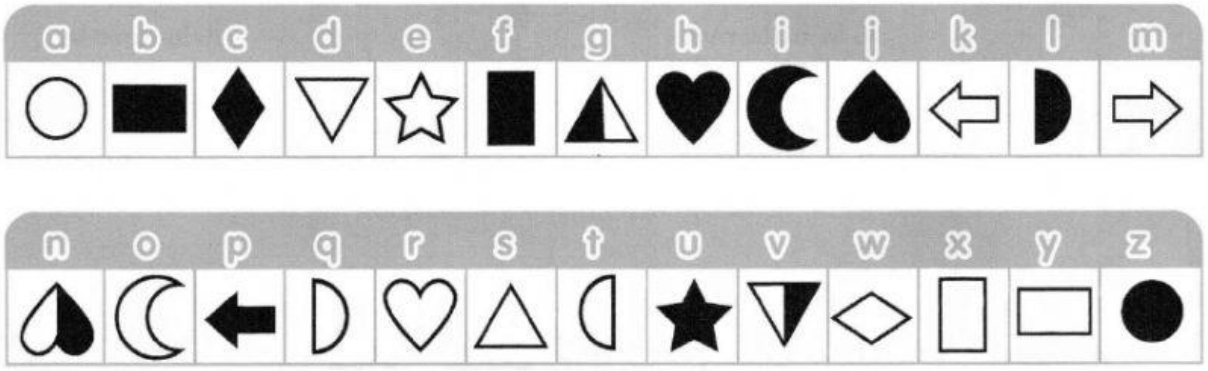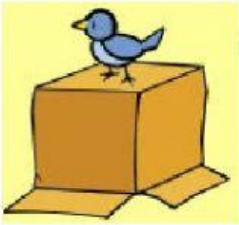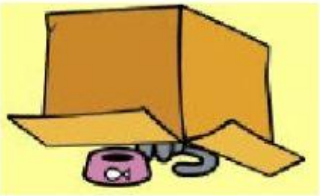Decode the words and match.