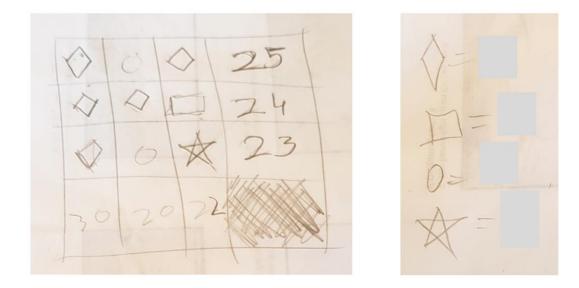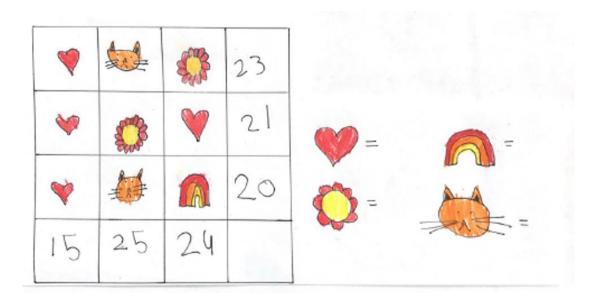Answers are shown on the video.