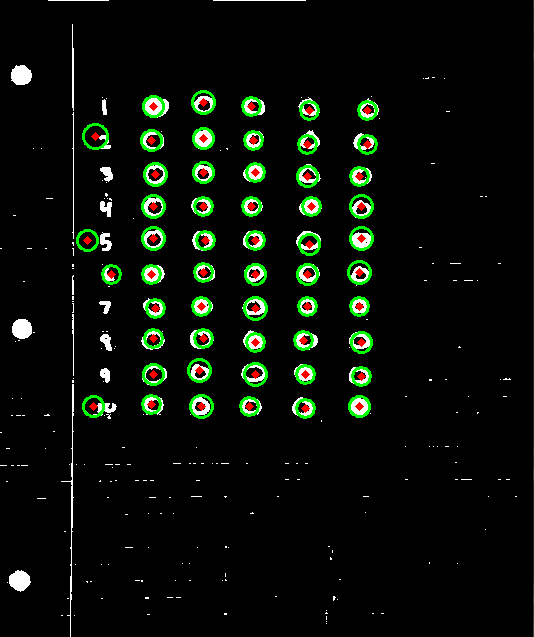
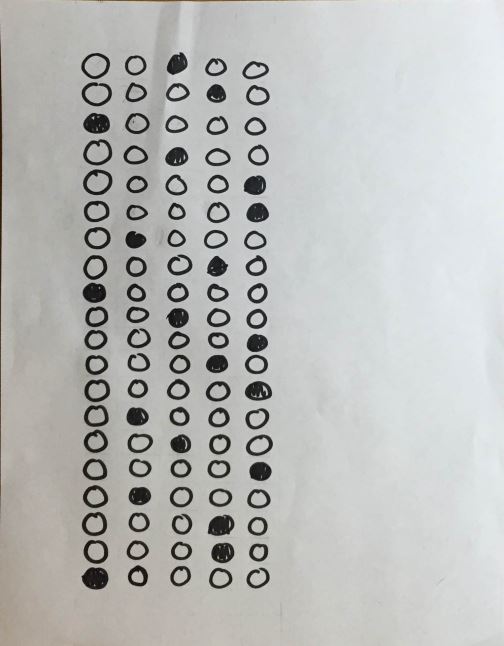
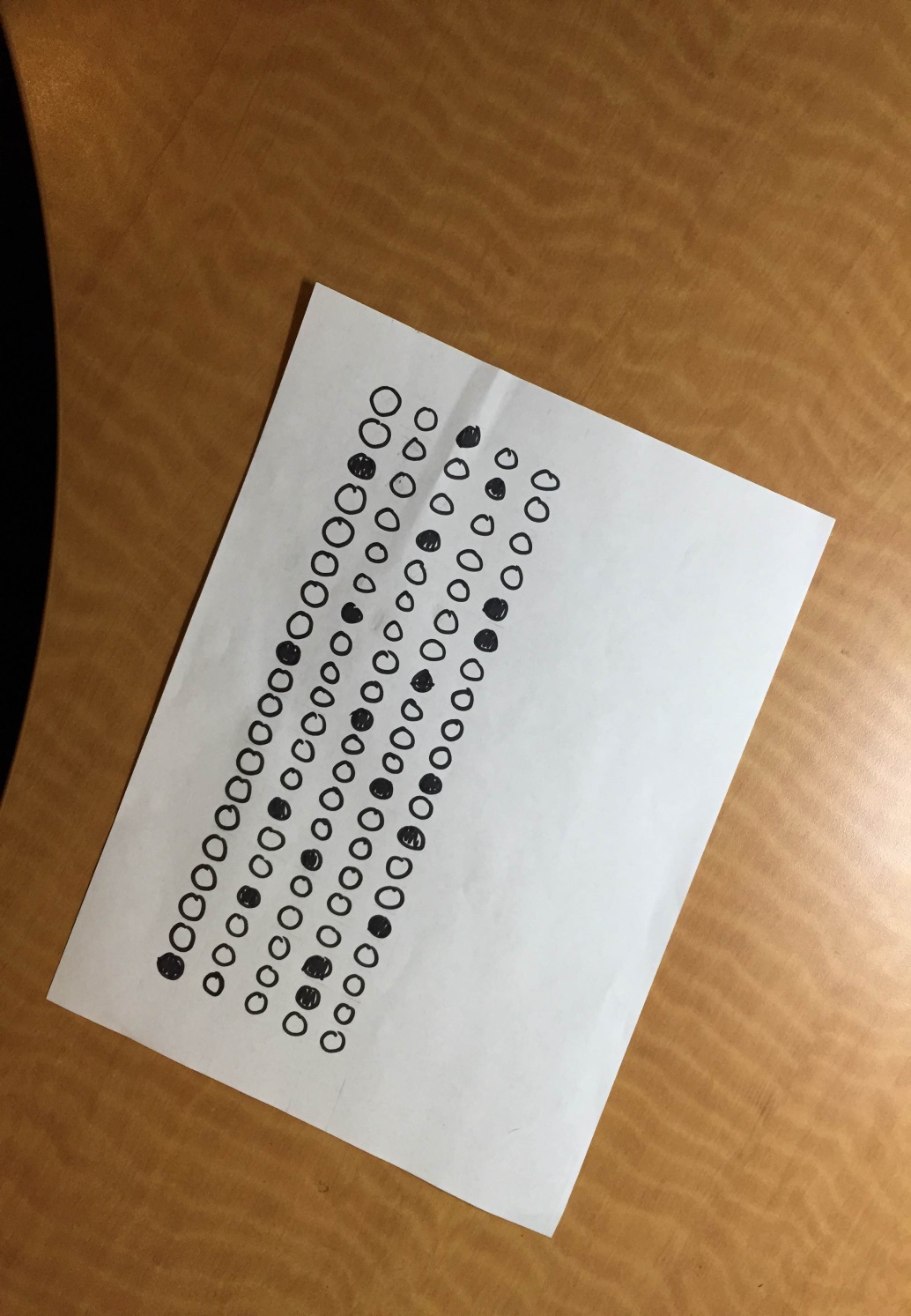


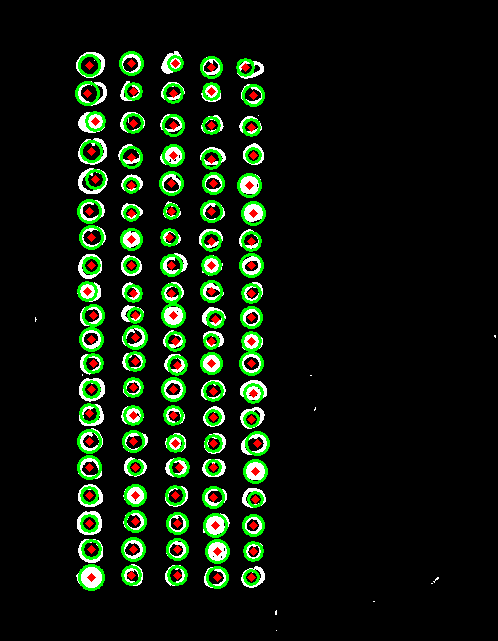
Recognizes holes in paper as dots in their own rows

Fixed by deleting rows of circles which have 2 circles or less

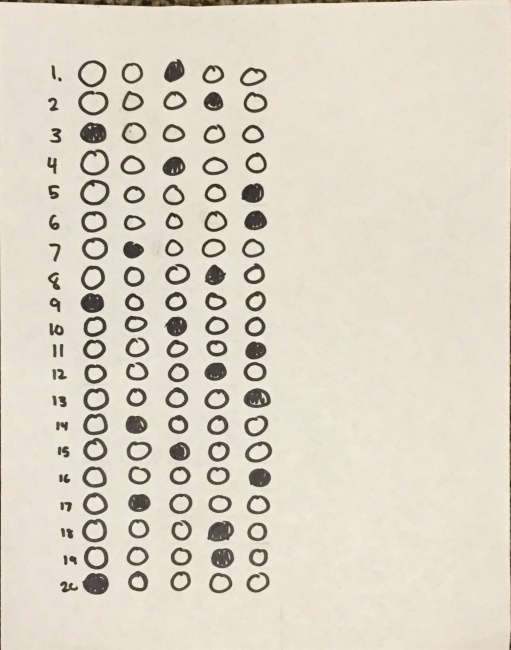
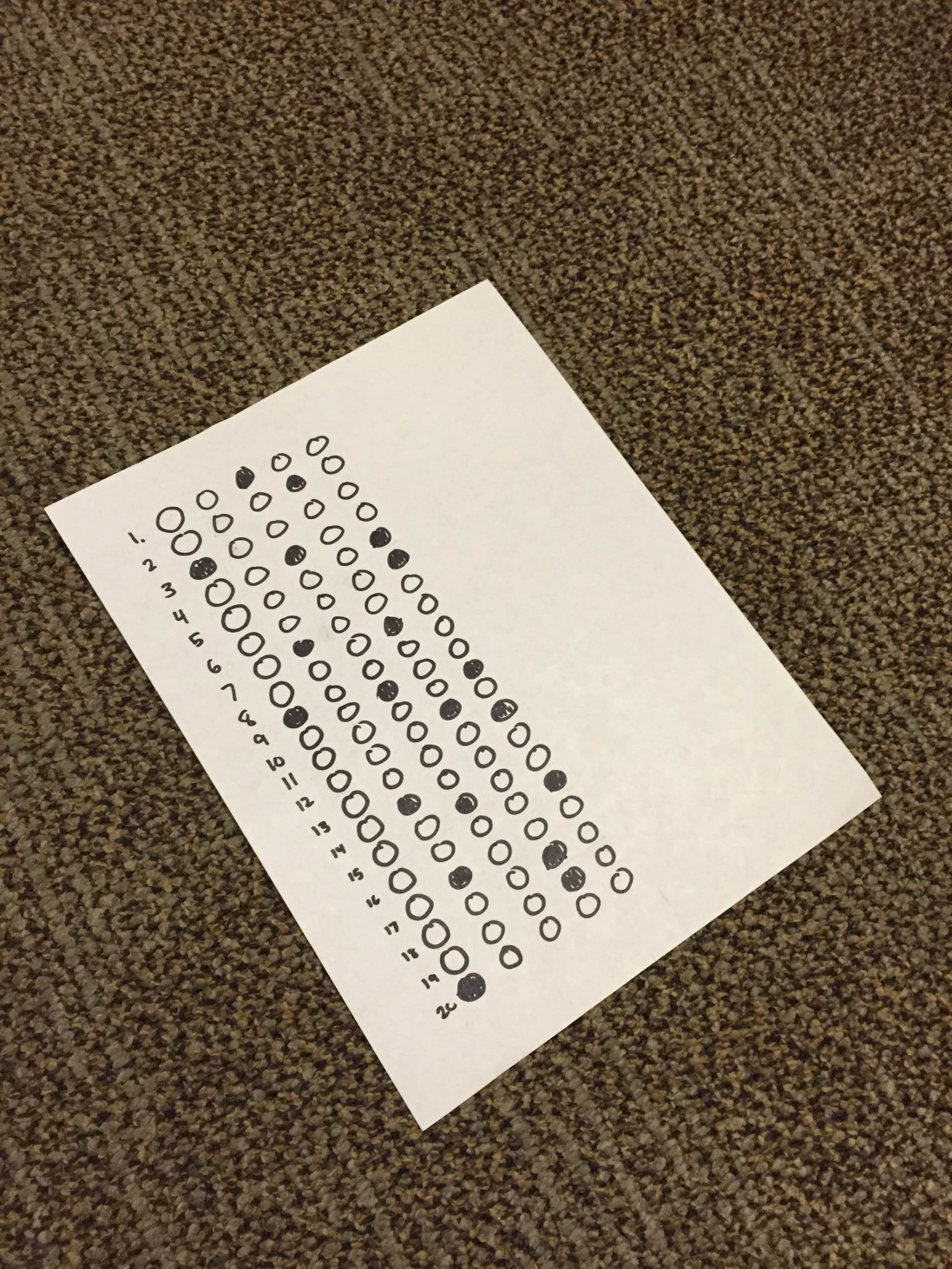


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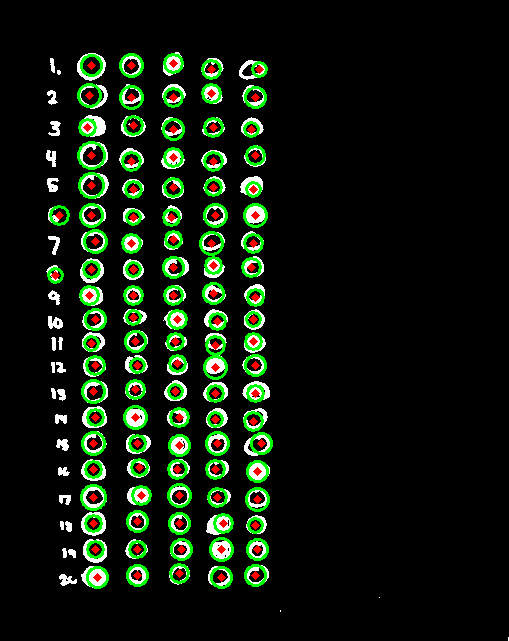
**hand21.jpg**



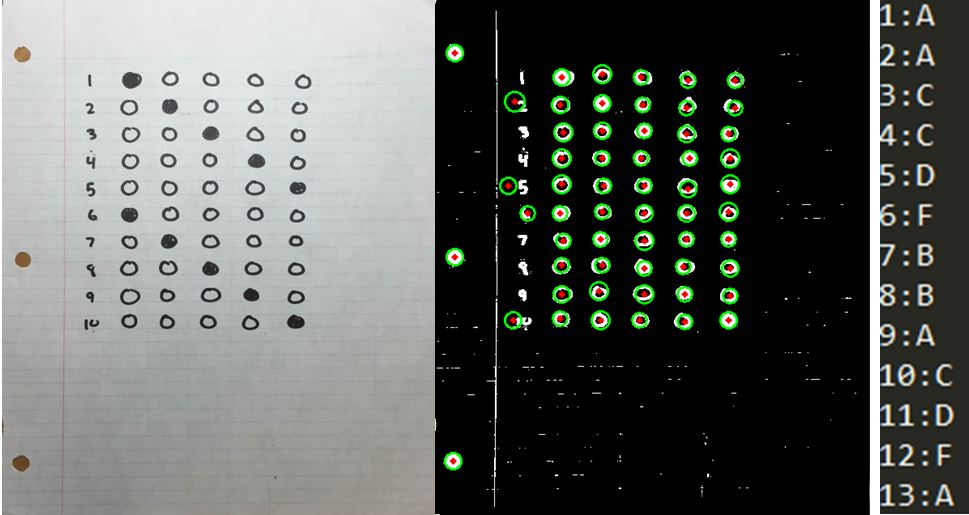
**Perfect**

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**Hand31.jpg**

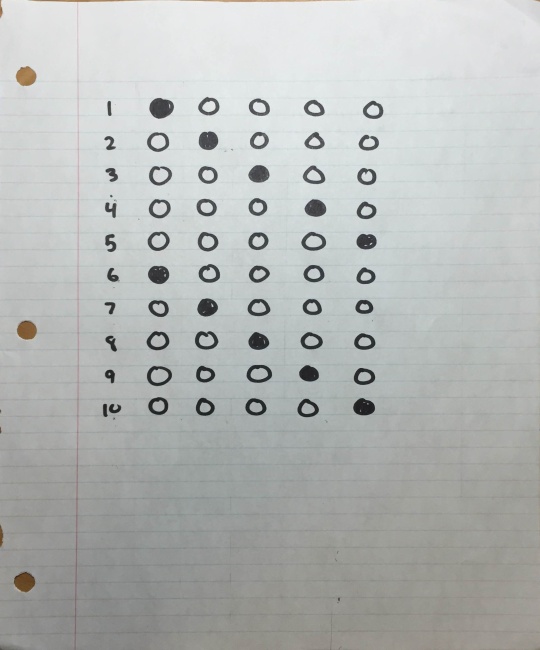
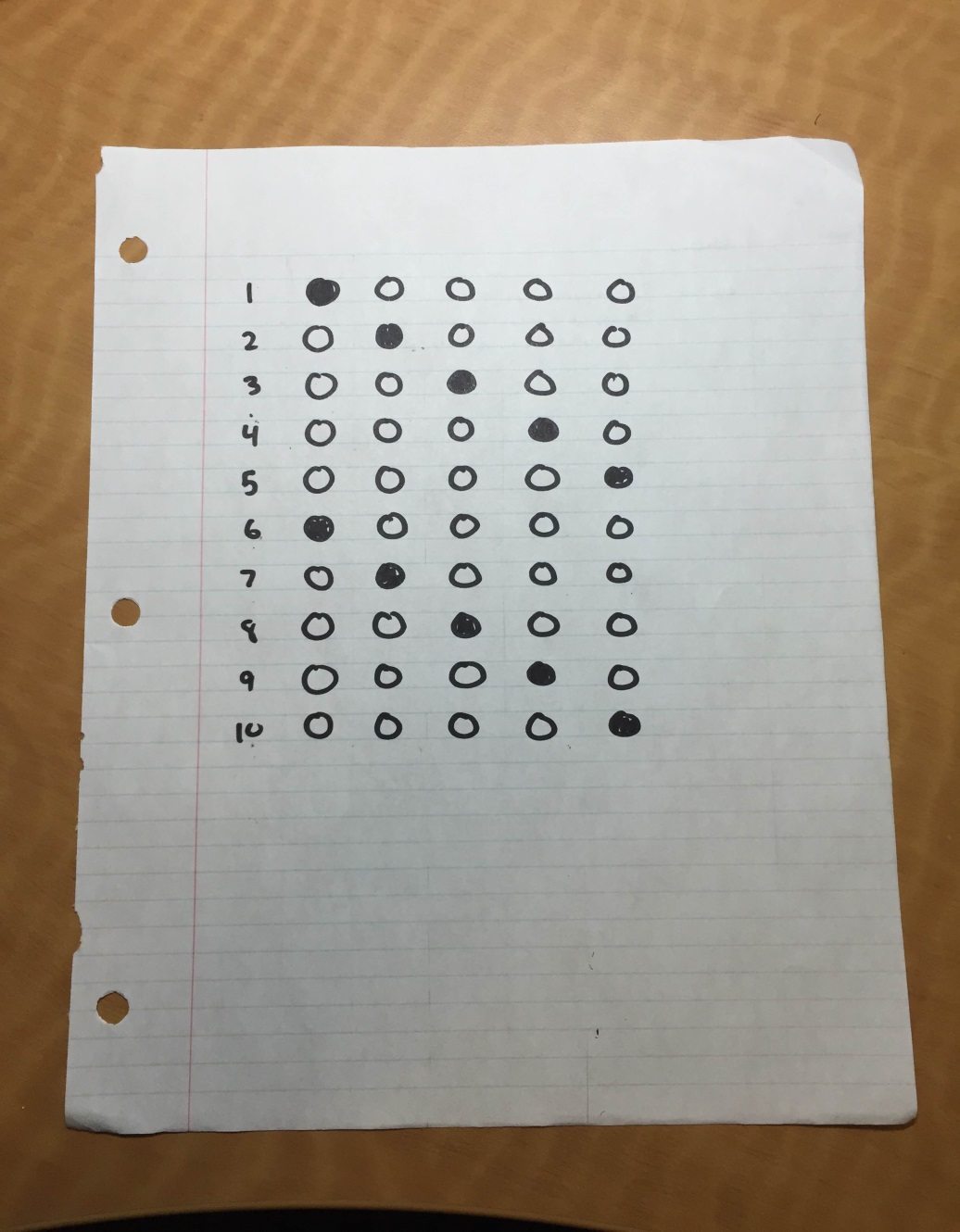


**Extra circles on 6 & 8: (accounted for)**



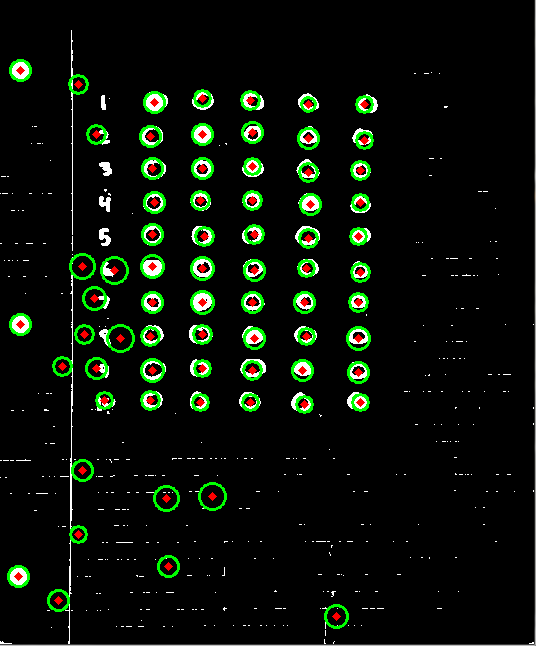
**Hand11.jpg**

* **Recognizes holes in paper as dots**
* **Extra dots recognized near numbers ruin index counting**

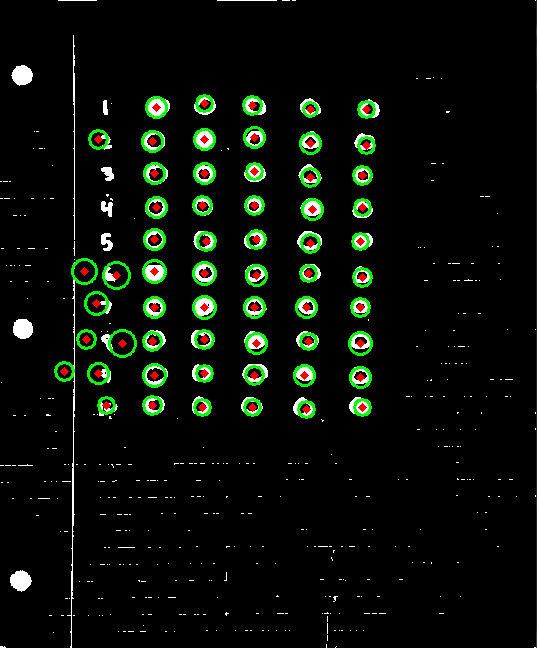


**Hand11.jpg**

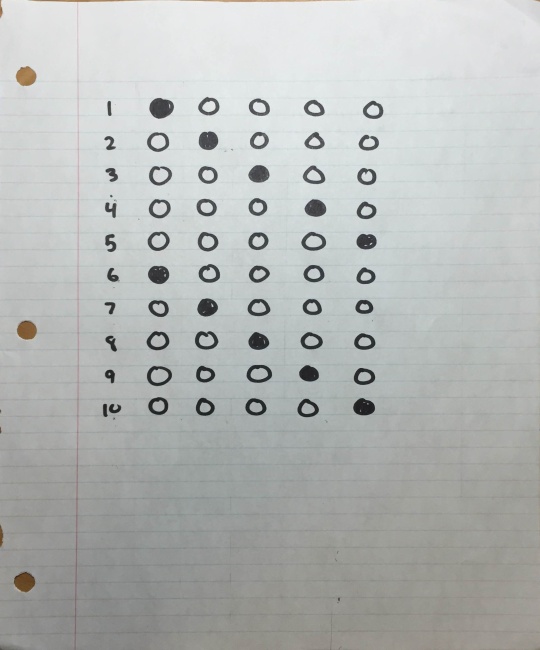
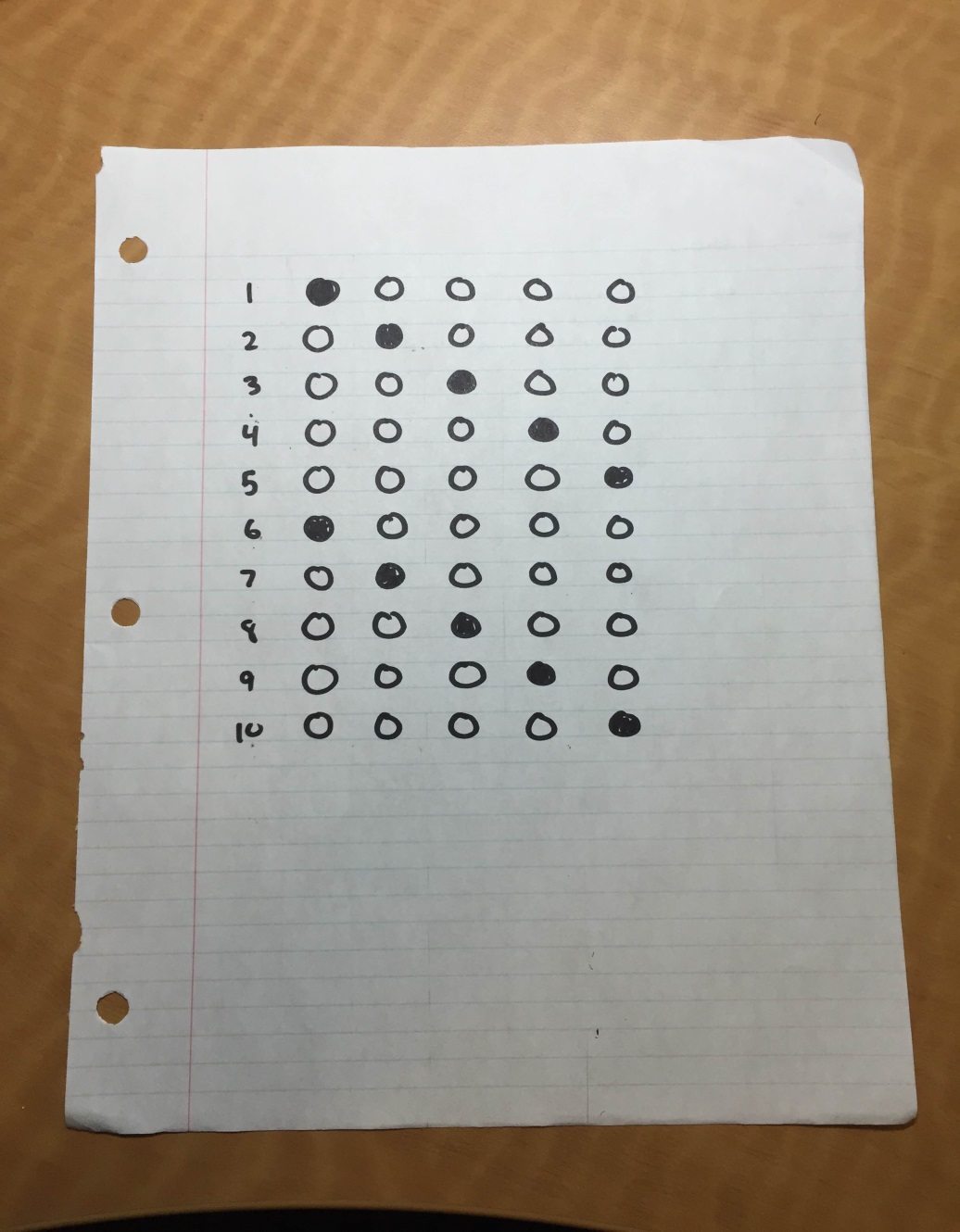
**minDist = 30, param1=50,param2=10,minRadius=7,maxRadius=14**



**Finds many extra bubbles**

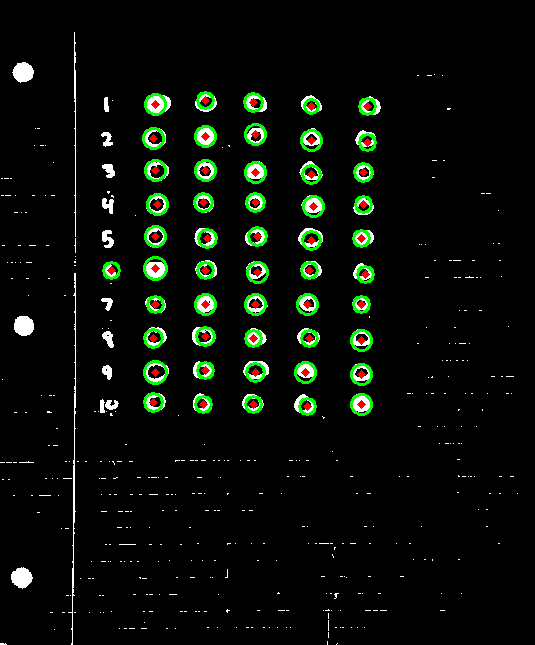


**Eliminated random bubbles. Other bubbles in row accounted for**



**Hand11.jpg**

**minDist = 30, param1=100,param2=10,minRadius=7,maxRadius=14**

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**Much more accurate. Extra bubble on number 6 accounted for**