Quiz Two Way Tables Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block:\_\_\_\_

1.
2. What is the total number of students that voted? A.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. If a student was chosen at random, what is the probability

That a 7th grader voted for Alessandro? B.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. If a student is chosen at random, what is the probability

that the student is in 8th grade **or** has voted for Zoe? C.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the probability that a student chosen at random is in 9th

grade, *given* that they voted for Alessandro? D.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the probability that a student chosen at random voted for

Zoe, *given* that they are in 8th grade? E.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1.

|  |  |  |
| --- | --- | --- |
|  | Watched Tennis | Didn’t Watch Tennis |
| Girls |  |  |
| Boys |  |  |

1. Complete the chart.
2. What is the probability that a boy watched tennis? B.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is the probability that a student chosen at random is a girl **or**

didn’t watch tennis? C.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the probability that a student watched

 tennis, *given* that they are a boy? D. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is the probability that a student is a E.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

girl, *given* that they didn’t watch tennis?