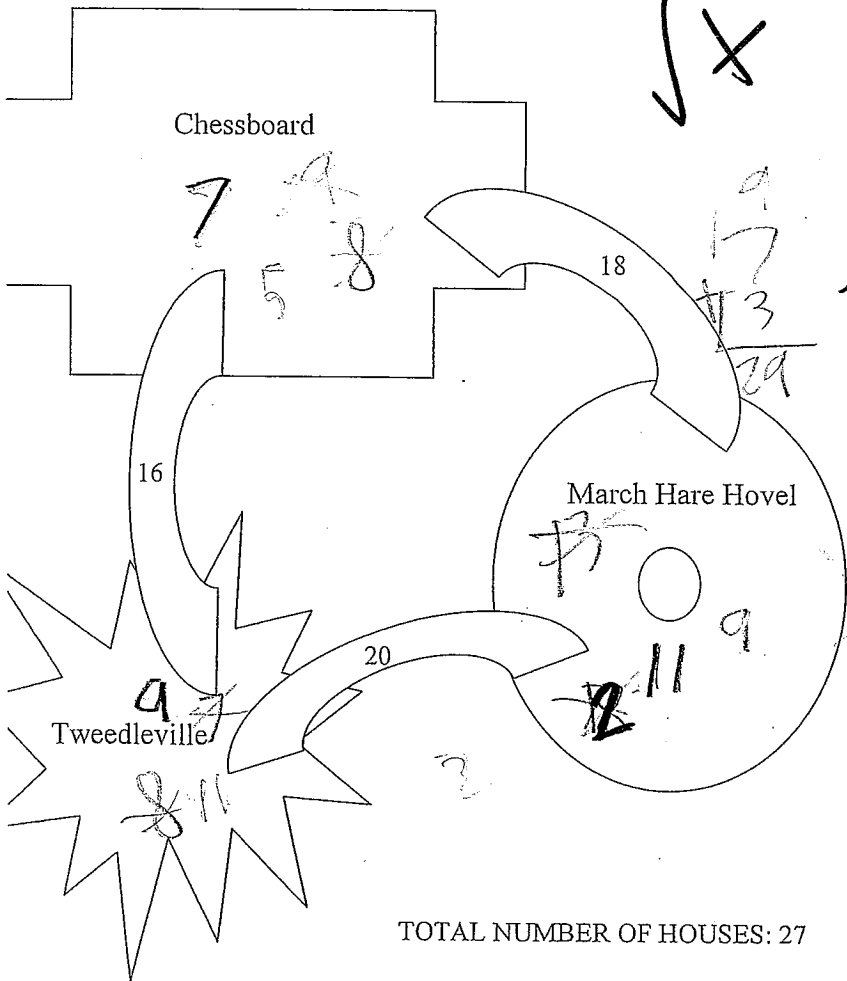


Rachel Edelman

Wonderland Map #2
Utah's Largest Math Event (qualifier)



Show all the combinations you tried.

	M	C	T	total
X	13	9	7	29
X	12	8	8	28
X	11	7	9	27
X	9	5	11	25

16 8
3 8
2 8
11 20
9

How did you find the number of houses? Explain your thinking using words and/or pictures.

I started out making different combinations. I tried 9 for Chessboard & 7 for Tweedleville. That equaled 16 so I subtracted 13 from 20. That answer was too high. Then I tried 8 and 8. That left 12 for March Hare Hovel but that was too high, too. Then I tried 7 for Chessboard and 9 for Tweedleville. March Hare Hovel had 11 and that equaled 27. But I wanted to make sure so I tried 1 more way. I tried 5 for Chessboard and 11 for Tweedleville. But that was too low so the answer is 11 MHH, 7 C, 9 T.

16
12
28

+ 17
9