

Accuracy Results:	Highest Accuracy:
Running kNN with k= 1, l= -1, weighting=True	Highest accuracy achieved: 0.7778
kNN completer - time elapsed from start: 0.147915125	k= 26 - l= 3 - weighting= False]
Accuracy: 0.375	k= 26 - l= 4 - weighting= False]
Running kNN with k= 1, l= -1, weighting=False	k= 26 - l= 5 - weighting= False]
kNN completer - time elapsed from start: 0.289851427	k= 26 - l= 6 - weighting= False]
Accuracy: 0.375	k= 27 - l= 2 - weighting= False]
Running kNN with k= 1, l= 1, weighting=True	k= 28 - l= 3 - weighting= False]
kNN completer - time elapsed from start: 0.507721901	k= 28 - l= 4 - weighting= False]
Accuracy: 0.5416666666666666	k= 28 - l= 5 - weighting= False]
Running kNN with k= 1, l= 1, weighting=False	k= 28 - l= 6 - weighting= False]
kNN completer - time elapsed from start: 0.739588499	k= 29 - l= 2 - weighting= True]
Accuracy: 0.5416666666666666	k= 30 - l= 3 - weighting= True]
Running kNN with k= 1, l= 2, weighting=True	k= 30 - l= 4 - weighting= True]
kNN completer - time elapsed from start: 0.958463430	k= 30 - l= 5 - weighting= True]
Accuracy: 0.5277777777777778	k= 30 - l= 6 - weighting= True]
Running kNN with k= 1, l= 2, weighting=False	
kNN completer - time elapsed from start: 1.167330742	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 3, weighting=True	
kNN completer - time elapsed from start: 1.383206844	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 3, weighting=False	
kNN completer - time elapsed from start: 1.599083662	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 4, weighting=True	
kNN completer - time elapsed from start: 1.833948374	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 4, weighting=False	
kNN completer - time elapsed from start: 2.043828726	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 5, weighting=True	
kNN completer - time elapsed from start: 2.268712759	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 5, weighting=False	
kNN completer - time elapsed from start: 2.478591681	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 6, weighting=True	
kNN completer - time elapsed from start: 2.710446835	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= 6, weighting=False	
kNN completer - time elapsed from start: 2.931332588	
Accuracy: 0.5277777777777778	
Running kNN with k= 1, l= inf, weighting=True	
kNN completer - time elapsed from start: 3.138217688	

Accuracy: 0.3611111111111111	
Running kNN with k= 1, l= inf, weighting=False	
kNN completer - time elapsed from start: 3.281131506	
Accuracy: 0.3611111111111111	
Running kNN with k= 2, l= -1, weighting=True	
kNN completer - time elapsed from start: 3.494006872	
Accuracy: 0.375	
Running kNN with k= 2, l= -1, weighting=False	
kNN completer - time elapsed from start: 3.641913652	
Accuracy: 0.3194444444444444	
Running kNN with k= 2, l= 1, weighting=True	
kNN completer - time elapsed from start: 3.959731102	
Accuracy: 0.5416666666666666	
Running kNN with k= 2, l= 1, weighting=False	
kNN completer - time elapsed from start: 4.183614731	
Accuracy: 0.4583333333333333	
Running kNN with k= 2, l= 2, weighting=True	
kNN completer - time elapsed from start: 4.483442545	
Accuracy: 0.5277777777777778	
Running kNN with k= 2, l= 2, weighting=False	
kNN completer - time elapsed from start: 4.702316761	
Accuracy: 0.4722222222222222	
Running kNN with k= 2, l= 3, weighting=True	
kNN completer - time elapsed from start: 5.003141880	
Accuracy: 0.5277777777777778	
Running kNN with k= 2, l= 3, weighting=False	
kNN completer - time elapsed from start: 5.214023590	
Accuracy: 0.4722222222222222	
Running kNN with k= 2, l= 4, weighting=True	
kNN completer - time elapsed from start: 5.512851715	
Accuracy: 0.5277777777777778	
Running kNN with k= 2, l= 4, weighting=False	
kNN completer - time elapsed from start: 5.731730700	
Accuracy: 0.4722222222222222	
Running kNN with k= 2, l= 5, weighting=True	
kNN completer - time elapsed from start: 6.033557892	
Accuracy: 0.5277777777777778	
Running kNN with k= 2, l= 5, weighting=False	
kNN completer - time elapsed from start: 6.265409231	
Accuracy: 0.4722222222222222	
Running kNN with k= 2, l= 6, weighting=True	
kNN completer - time elapsed from start: 6.638195753	
Accuracy: 0.5277777777777778	
Running kNN with k= 2, l= 6, weighting=False	
kNN completer - time elapsed from start: 6.868062496	
Accuracy: 0.4722222222222222	

Running kNN with k= 2, l= inf, weighting=True	
kNN completer - time elapsed from start: 7.116919756	
Accuracy: 0.3611111111111111	
Running kNN with k= 2, l= inf, weighting=False	
kNN completer - time elapsed from start: 7.260837078	
Accuracy: 0.3055555555555556	
Running kNN with k= 3, l= -1, weighting=True	
kNN completer - time elapsed from start: 7.513707161	
Accuracy: 0.3611111111111111	
Running kNN with k= 3, l= -1, weighting=False	
kNN completer - time elapsed from start: 7.664605618	
Accuracy: 0.3611111111111111	
Running kNN with k= 3, l= 1, weighting=True	
kNN completer - time elapsed from start: 8.020401716	
Accuracy: 0.5694444444444444	
Running kNN with k= 3, l= 1, weighting=False	
kNN completer - time elapsed from start: 8.236290455	
Accuracy: 0.5694444444444444	
Running kNN with k= 3, l= 2, weighting=True	
kNN completer - time elapsed from start: 8.600082636	
Accuracy: 0.6111111111111112	
Running kNN with k= 3, l= 2, weighting=False	
kNN completer - time elapsed from start: 8.835935354	
Accuracy: 0.6111111111111112	
Running kNN with k= 3, l= 3, weighting=True	
kNN completer - time elapsed from start: 9.203724623	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= 3, weighting=False	
kNN completer - time elapsed from start: 9.436591148	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= 4, weighting=True	
kNN completer - time elapsed from start: 9.806391954	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= 4, weighting=False	
kNN completer - time elapsed from start: 10.017269373	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= 5, weighting=True	
kNN completer - time elapsed from start: 10.375068665	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= 5, weighting=False	
kNN completer - time elapsed from start: 10.591940641	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= 6, weighting=True	
kNN completer - time elapsed from start: 10.955735683	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= 6, weighting=False	

kNN completer - time elapsed from start: 11.164615870	
Accuracy: 0.5972222222222222	
Running kNN with k= 3, l= inf, weighting=True	
kNN completer - time elapsed from start: 11.415467978	
Accuracy: 0.375	
Running kNN with k= 3, l= inf, weighting=False	
kNN completer - time elapsed from start: 11.595365286	
Accuracy: 0.3333333333333333	
Running kNN with k= 4, l= -1, weighting=True	
kNN completer - time elapsed from start: 11.858201265	
Accuracy: 0.3611111111111111	
Running kNN with k= 4, l= -1, weighting=False	
kNN completer - time elapsed from start: 12.000119925	
Accuracy: 0.3194444444444444	
Running kNN with k= 4, l= 1, weighting=True	
kNN completer - time elapsed from start: 12.354916573	
Accuracy: 0.6111111111111112	
Running kNN with k= 4, l= 1, weighting=False	
kNN completer - time elapsed from start: 12.570806265	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 2, weighting=True	
kNN completer - time elapsed from start: 12.936583281	
Accuracy: 0.6111111111111112	
Running kNN with k= 4, l= 2, weighting=False	
kNN completer - time elapsed from start: 13.149461031	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 3, weighting=True	
kNN completer - time elapsed from start: 13.518250942	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 3, weighting=False	
kNN completer - time elapsed from start: 13.752128839	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 4, weighting=True	
kNN completer - time elapsed from start: 14.184869051	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 4, weighting=False	
kNN completer - time elapsed from start: 14.453729153	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 5, weighting=True	
kNN completer - time elapsed from start: 14.840492725	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 5, weighting=False	
kNN completer - time elapsed from start: 15.071360826	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 6, weighting=True	
kNN completer - time elapsed from start: 15.462145329	

Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= 6, weighting=False	
kNN completer - time elapsed from start: 15.705015898	
Accuracy: 0.5972222222222222	
Running kNN with k= 4, l= inf, weighting=True	
kNN completer - time elapsed from start: 15.960861683	
Accuracy: 0.375	
Running kNN with k= 4, l= inf, weighting=False	
kNN completer - time elapsed from start: 16.136749506	
Accuracy: 0.3333333333333333	
Running kNN with k= 5, l= -1, weighting=True	
kNN completer - time elapsed from start: 16.401597738	
Accuracy: 0.3194444444444444	
Running kNN with k= 5, l= -1, weighting=False	
kNN completer - time elapsed from start: 16.557507992	
Accuracy: 0.3194444444444444	
Running kNN with k= 5, l= 1, weighting=True	
kNN completer - time elapsed from start: 16.938288927	
Accuracy: 0.6805555555555556	
Running kNN with k= 5, l= 1, weighting=False	
kNN completer - time elapsed from start: 17.147169590	
Accuracy: 0.6805555555555556	
Running kNN with k= 5, l= 2, weighting=True	
kNN completer - time elapsed from start: 17.504964352	
Accuracy: 0.625	
Running kNN with k= 5, l= 2, weighting=False	
kNN completer - time elapsed from start: 17.727849722	
Accuracy: 0.625	
Running kNN with k= 5, l= 3, weighting=True	
kNN completer - time elapsed from start: 18.093639612	
Accuracy: 0.6111111111111112	
Running kNN with k= 5, l= 3, weighting=False	
kNN completer - time elapsed from start: 18.305517197	
Accuracy: 0.6111111111111112	
Running kNN with k= 5, l= 4, weighting=True	
kNN completer - time elapsed from start: 18.673297644	
Accuracy: 0.6111111111111112	
Running kNN with k= 5, l= 4, weighting=False	
kNN completer - time elapsed from start: 18.893184900	
Accuracy: 0.6111111111111112	
Running kNN with k= 5, l= 5, weighting=True	
kNN completer - time elapsed from start: 19.262957573	
Accuracy: 0.6111111111111112	
Running kNN with k= 5, l= 5, weighting=False	
kNN completer - time elapsed from start: 19.497822762	
Accuracy: 0.6111111111111112	

Running kNN with k= 5, l= 6, weighting=True	
kNN completer - time elapsed from start: 19.867609262	
Accuracy: 0.6111111111111112	
Running kNN with k= 5, l= 6, weighting=False	
kNN completer - time elapsed from start: 20.077489853	
Accuracy: 0.6111111111111112	
Running kNN with k= 5, l= inf, weighting=True	
kNN completer - time elapsed from start: 20.398322582	
Accuracy: 0.3611111111111111	
Running kNN with k= 5, l= inf, weighting=False	
kNN completer - time elapsed from start: 20.544241667	
Accuracy: 0.3194444444444444	
Running kNN with k= 6, l= -1, weighting=True	
kNN completer - time elapsed from start: 20.808082819	
Accuracy: 0.3472222222222222	
Running kNN with k= 6, l= -1, weighting=False	
kNN completer - time elapsed from start: 20.955987215	
Accuracy: 0.3055555555555556	
Running kNN with k= 6, l= 1, weighting=True	
kNN completer - time elapsed from start: 21.317790985	
Accuracy: 0.625	
Running kNN with k= 6, l= 1, weighting=False	
kNN completer - time elapsed from start: 21.539663553	
Accuracy: 0.5972222222222222	
Running kNN with k= 6, l= 2, weighting=True	
kNN completer - time elapsed from start: 21.916435957	
Accuracy: 0.6388888888888888	
Running kNN with k= 6, l= 2, weighting=False	
kNN completer - time elapsed from start: 22.155298710	
Accuracy: 0.5972222222222222	
Running kNN with k= 6, l= 3, weighting=True	
kNN completer - time elapsed from start: 22.573059797	
Accuracy: 0.6388888888888888	
Running kNN with k= 6, l= 3, weighting=False	
kNN completer - time elapsed from start: 22.804926157	
Accuracy: 0.5972222222222222	
Running kNN with k= 6, l= 4, weighting=True	
kNN completer - time elapsed from start: 23.175714016	
Accuracy: 0.6388888888888888	
Running kNN with k= 6, l= 4, weighting=False	
kNN completer - time elapsed from start: 23.391589165	
Accuracy: 0.5972222222222222	
Running kNN with k= 6, l= 5, weighting=True	
kNN completer - time elapsed from start: 23.755380392	
Accuracy: 0.6388888888888888	
Running kNN with k= 6, l= 5, weighting=False	

kNN completer - time elapsed from start: 23.983249664	
Accuracy: 0.5972222222222222	
Running kNN with k= 6, l= 6, weighting=True	
kNN completer - time elapsed from start: 24.371027708	
Accuracy: 0.6388888888888888	
Running kNN with k= 6, l= 6, weighting=False	
kNN completer - time elapsed from start: 24.601895571	
Accuracy: 0.5972222222222222	
Running kNN with k= 6, l= inf, weighting=True	
kNN completer - time elapsed from start: 24.859764338	
Accuracy: 0.3611111111111111	
Running kNN with k= 6, l= inf, weighting=False	
kNN completer - time elapsed from start: 25.011660337	
Accuracy: 0.3194444444444444	
Running kNN with k= 7, l= -1, weighting=True	
kNN completer - time elapsed from start: 25.265514374	
Accuracy: 0.3055555555555556	
Running kNN with k= 7, l= -1, weighting=False	
kNN completer - time elapsed from start: 25.407433271	
Accuracy: 0.3055555555555556	
Running kNN with k= 7, l= 1, weighting=True	
kNN completer - time elapsed from start: 25.781228781	
Accuracy: 0.6527777777777778	
Running kNN with k= 7, l= 1, weighting=False	
kNN completer - time elapsed from start: 26.001105547	
Accuracy: 0.625	
Running kNN with k= 7, l= 2, weighting=True	
kNN completer - time elapsed from start: 26.365884304	
Accuracy: 0.6111111111111112	
Running kNN with k= 7, l= 2, weighting=False	
kNN completer - time elapsed from start: 26.586769581	
Accuracy: 0.5972222222222222	
Running kNN with k= 7, l= 3, weighting=True	
kNN completer - time elapsed from start: 26.951565504	
Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= 3, weighting=False	
kNN completer - time elapsed from start: 27.167436361	
Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= 4, weighting=True	
kNN completer - time elapsed from start: 27.528234243	
Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= 4, weighting=False	
kNN completer - time elapsed from start: 27.748103857	
Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= 5, weighting=True	
kNN completer - time elapsed from start: 28.113881588	

Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= 5, weighting=False	
kNN completer - time elapsed from start: 28.328758240	
Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= 6, weighting=True	
kNN completer - time elapsed from start: 28.692549944	
Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= 6, weighting=False	
kNN completer - time elapsed from start: 28.909438610	
Accuracy: 0.5833333333333334	
Running kNN with k= 7, l= inf, weighting=True	
kNN completer - time elapsed from start: 29.169289351	
Accuracy: 0.4166666666666667	
Running kNN with k= 7, l= inf, weighting=False	
kNN completer - time elapsed from start: 29.315206051	
Accuracy: 0.3611111111111111	
Running kNN with k= 8, l= -1, weighting=True	
kNN completer - time elapsed from start: 29.574044943	
Accuracy: 0.3055555555555556	
Running kNN with k= 8, l= -1, weighting=False	
kNN completer - time elapsed from start: 29.720973253	
Accuracy: 0.3472222222222222	
Running kNN with k= 8, l= 1, weighting=True	
kNN completer - time elapsed from start: 30.081753254	
Accuracy: 0.6527777777777778	
Running kNN with k= 8, l= 1, weighting=False	
kNN completer - time elapsed from start: 30.300641298	
Accuracy: 0.6111111111111112	
Running kNN with k= 8, l= 2, weighting=True	
kNN completer - time elapsed from start: 30.704397678	
Accuracy: 0.6527777777777778	
Running kNN with k= 8, l= 2, weighting=False	
kNN completer - time elapsed from start: 30.935265064	
Accuracy: 0.5555555555555556	
Running kNN with k= 8, l= 3, weighting=True	
kNN completer - time elapsed from start: 31.299069405	
Accuracy: 0.6388888888888888	
Running kNN with k= 8, l= 3, weighting=False	
kNN completer - time elapsed from start: 31.525925636	
Accuracy: 0.5555555555555556	
Running kNN with k= 8, l= 4, weighting=True	
kNN completer - time elapsed from start: 31.945685148	
Accuracy: 0.6388888888888888	
Running kNN with k= 8, l= 4, weighting=False	
kNN completer - time elapsed from start: 32.193542957	
Accuracy: 0.5555555555555556	

Running kNN with k= 8, l= 5, weighting=True	
kNN completer - time elapsed from start: 32.595322132	
Accuracy: 0.6388888888888888	
Running kNN with k= 8, l= 5, weighting=False	
kNN completer - time elapsed from start: 32.819196939	
Accuracy: 0.5555555555555556	
Running kNN with k= 8, l= 6, weighting=True	
kNN completer - time elapsed from start: 33.183975220	
Accuracy: 0.6388888888888888	
Running kNN with k= 8, l= 6, weighting=False	
kNN completer - time elapsed from start: 33.408845901	
Accuracy: 0.5555555555555556	
Running kNN with k= 8, l= inf, weighting=True	
kNN completer - time elapsed from start: 33.676705360	
Accuracy: 0.4027777777777778	
Running kNN with k= 8, l= inf, weighting=False	
kNN completer - time elapsed from start: 33.821621895	
Accuracy: 0.375	
Running kNN with k= 9, l= -1, weighting=True	
kNN completer - time elapsed from start: 34.078479290	
Accuracy: 0.3333333333333333	
Running kNN with k= 9, l= -1, weighting=False	
kNN completer - time elapsed from start: 34.220393181	
Accuracy: 0.3472222222222222	
Running kNN with k= 9, l= 1, weighting=True	
kNN completer - time elapsed from start: 34.606162071	
Accuracy: 0.6527777777777778	
Running kNN with k= 9, l= 1, weighting=False	
kNN completer - time elapsed from start: 34.851019382	
Accuracy: 0.6527777777777778	
Running kNN with k= 9, l= 2, weighting=True	
kNN completer - time elapsed from start: 35.220808268	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 2, weighting=False	
kNN completer - time elapsed from start: 35.438699722	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 3, weighting=True	
kNN completer - time elapsed from start: 35.816502094	
Accuracy: 0.6944444444444444	
Running kNN with k= 9, l= 3, weighting=False	
kNN completer - time elapsed from start: 36.032341719	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 4, weighting=True	
kNN completer - time elapsed from start: 36.394134283	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 4, weighting=False	

kNN completer - time elapsed from start: 36.624002695	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 5, weighting=True	
kNN completer - time elapsed from start: 36.987793922	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 5, weighting=False	
kNN completer - time elapsed from start: 37.199672699	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 6, weighting=True	
kNN completer - time elapsed from start: 37.568462372	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= 6, weighting=False	
kNN completer - time elapsed from start: 37.800329447	
Accuracy: 0.6805555555555556	
Running kNN with k= 9, l= inf, weighting=True	
kNN completer - time elapsed from start: 38.061179876	
Accuracy: 0.4583333333333333	
Running kNN with k= 9, l= inf, weighting=False	
kNN completer - time elapsed from start: 38.218090296	
Accuracy: 0.4166666666666667	
Running kNN with k= 10, l= -1, weighting=True	
kNN completer - time elapsed from start: 38.476941586	
Accuracy: 0.3333333333333333	
Running kNN with k= 10, l= -1, weighting=False	
kNN completer - time elapsed from start: 38.641846895	
Accuracy: 0.3472222222222222	
Running kNN with k= 10, l= 1, weighting=True	
kNN completer - time elapsed from start: 39.016632080	
Accuracy: 0.6944444444444444	
Running kNN with k= 10, l= 1, weighting=False	
kNN completer - time elapsed from start: 39.241501570	
Accuracy: 0.6527777777777778	
Running kNN with k= 10, l= 2, weighting=True	
kNN completer - time elapsed from start: 39.614288568	
Accuracy: 0.6666666666666666	
Running kNN with k= 10, l= 2, weighting=False	
kNN completer - time elapsed from start: 39.838172674	
Accuracy: 0.5972222222222222	
Running kNN with k= 10, l= 3, weighting=True	
kNN completer - time elapsed from start: 40.202962875	
Accuracy: 0.6805555555555556	
Running kNN with k= 10, l= 3, weighting=False	
kNN completer - time elapsed from start: 40.415841341	
Accuracy: 0.6527777777777778	
Running kNN with k= 10, l= 4, weighting=True	
kNN completer - time elapsed from start: 40.796624899	

Accuracy: 0.6944444444444444	
Running kNN with k= 10, l= 4, weighting=False	
kNN completer - time elapsed from start: 41.010500669	
Accuracy: 0.6666666666666666	
Running kNN with k= 10, l= 5, weighting=True	
kNN completer - time elapsed from start: 41.375288725	
Accuracy: 0.6944444444444444	
Running kNN with k= 10, l= 5, weighting=False	
kNN completer - time elapsed from start: 41.597153902	
Accuracy: 0.6666666666666666	
Running kNN with k= 10, l= 6, weighting=True	
kNN completer - time elapsed from start: 41.961950779	
Accuracy: 0.6944444444444444	
Running kNN with k= 10, l= 6, weighting=False	
kNN completer - time elapsed from start: 42.175819397	
Accuracy: 0.6666666666666666	
Running kNN with k= 10, l= inf, weighting=True	
kNN completer - time elapsed from start: 42.431686878	
Accuracy: 0.4583333333333333	
Running kNN with k= 10, l= inf, weighting=False	
kNN completer - time elapsed from start: 42.578606606	
Accuracy: 0.4166666666666667	
Running kNN with k= 11, l= -1, weighting=True	
kNN completer - time elapsed from start: 42.840451479	
Accuracy: 0.2916666666666667	
Running kNN with k= 11, l= -1, weighting=False	
kNN completer - time elapsed from start: 42.983369350	
Accuracy: 0.2916666666666667	
Running kNN with k= 11, l= 1, weighting=True	
kNN completer - time elapsed from start: 43.348148823	
Accuracy: 0.7083333333333334	
Running kNN with k= 11, l= 1, weighting=False	
kNN completer - time elapsed from start: 43.565023661	
Accuracy: 0.6944444444444444	
Running kNN with k= 11, l= 2, weighting=True	
kNN completer - time elapsed from start: 43.931812525	
Accuracy: 0.6666666666666666	
Running kNN with k= 11, l= 2, weighting=False	
kNN completer - time elapsed from start: 44.164680958	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= 3, weighting=True	
kNN completer - time elapsed from start: 44.535468817	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= 3, weighting=False	
kNN completer - time elapsed from start: 44.758356094	
Accuracy: 0.6388888888888888	

Running kNN with k= 11, l= 4, weighting=True	
kNN completer - time elapsed from start: 45.124146938	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= 4, weighting=False	
kNN completer - time elapsed from start: 45.337009430	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= 5, weighting=True	
kNN completer - time elapsed from start: 45.717801332	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= 5, weighting=False	
kNN completer - time elapsed from start: 45.933667898	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= 6, weighting=True	
kNN completer - time elapsed from start: 46.297469378	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= 6, weighting=False	
kNN completer - time elapsed from start: 46.508347988	
Accuracy: 0.6388888888888888	
Running kNN with k= 11, l= inf, weighting=True	
kNN completer - time elapsed from start: 46.779197931	
Accuracy: 0.4722222222222222	
Running kNN with k= 11, l= inf, weighting=False	
kNN completer - time elapsed from start: 46.927110672	
Accuracy: 0.4166666666666667	
Running kNN with k= 12, l= -1, weighting=True	
kNN completer - time elapsed from start: 47.181966066	
Accuracy: 0.3194444444444444	
Running kNN with k= 12, l= -1, weighting=False	
kNN completer - time elapsed from start: 47.326876163	
Accuracy: 0.2916666666666667	
Running kNN with k= 12, l= 1, weighting=True	
kNN completer - time elapsed from start: 47.693658113	
Accuracy: 0.6944444444444444	
Running kNN with k= 12, l= 1, weighting=False	
kNN completer - time elapsed from start: 47.906535149	
Accuracy: 0.6944444444444444	
Running kNN with k= 12, l= 2, weighting=True	
kNN completer - time elapsed from start: 48.271334887	
Accuracy: 0.6944444444444444	
Running kNN with k= 12, l= 2, weighting=False	
kNN completer - time elapsed from start: 48.486202955	
Accuracy: 0.6527777777777778	
Running kNN with k= 12, l= 3, weighting=True	
kNN completer - time elapsed from start: 48.867995262	
Accuracy: 0.6944444444444444	
Running kNN with k= 12, l= 3, weighting=False	

kNN completer - time elapsed from start: 49.080878258	
Accuracy: 0.6388888888888888	
Running kNN with k= 12, l= 4, weighting=True	
kNN completer - time elapsed from start: 49.443653345	
Accuracy: 0.6944444444444444	
Running kNN with k= 12, l= 4, weighting=False	
kNN completer - time elapsed from start: 49.665526390	
Accuracy: 0.6388888888888888	
Running kNN with k= 12, l= 5, weighting=True	
kNN completer - time elapsed from start: 50.030316830	
Accuracy: 0.6944444444444444	
Running kNN with k= 12, l= 5, weighting=False	
kNN completer - time elapsed from start: 50.244205952	
Accuracy: 0.6388888888888888	
Running kNN with k= 12, l= 6, weighting=True	
kNN completer - time elapsed from start: 50.613983393	
Accuracy: 0.6944444444444444	
Running kNN with k= 12, l= 6, weighting=False	
kNN completer - time elapsed from start: 50.837866783	
Accuracy: 0.6388888888888888	
Running kNN with k= 12, l= inf, weighting=True	
kNN completer - time elapsed from start: 51.093718052	
Accuracy: 0.4722222222222222	
Running kNN with k= 12, l= inf, weighting=False	
kNN completer - time elapsed from start: 51.238636255	
Accuracy: 0.4444444444444444	
Running kNN with k= 13, l= -1, weighting=True	
kNN completer - time elapsed from start: 51.497492552	
Accuracy: 0.3611111111111111	
Running kNN with k= 13, l= -1, weighting=False	
kNN completer - time elapsed from start: 51.650400639	
Accuracy: 0.3611111111111111	
Running kNN with k= 13, l= 1, weighting=True	
kNN completer - time elapsed from start: 52.014178753	
Accuracy: 0.7083333333333334	
Running kNN with k= 13, l= 1, weighting=False	
kNN completer - time elapsed from start: 52.239050388	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 2, weighting=True	
kNN completer - time elapsed from start: 52.605840921	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 2, weighting=False	
kNN completer - time elapsed from start: 52.824728012	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 3, weighting=True	
kNN completer - time elapsed from start: 53.190504313	

Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 3, weighting=False	
kNN completer - time elapsed from start: 53.405394077	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 4, weighting=True	
kNN completer - time elapsed from start: 53.774180412	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 4, weighting=False	
kNN completer - time elapsed from start: 53.987060308	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 5, weighting=True	
kNN completer - time elapsed from start: 54.354838133	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 5, weighting=False	
kNN completer - time elapsed from start: 54.597698689	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 6, weighting=True	
kNN completer - time elapsed from start: 54.974494457	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= 6, weighting=False	
kNN completer - time elapsed from start: 55.190375090	
Accuracy: 0.6944444444444444	
Running kNN with k= 13, l= inf, weighting=True	
kNN completer - time elapsed from start: 55.444222212	
Accuracy: 0.4722222222222222	
Running kNN with k= 13, l= inf, weighting=False	
kNN completer - time elapsed from start: 55.594141960	
Accuracy: 0.4444444444444444	
Running kNN with k= 14, l= -1, weighting=True	
kNN completer - time elapsed from start: 55.858975887	
Accuracy: 0.3472222222222222	
Running kNN with k= 14, l= -1, weighting=False	
kNN completer - time elapsed from start: 56.015886307	
Accuracy: 0.3472222222222222	
Running kNN with k= 14, l= 1, weighting=True	
kNN completer - time elapsed from start: 56.397665739	
Accuracy: 0.6944444444444444	
Running kNN with k= 14, l= 1, weighting=False	
kNN completer - time elapsed from start: 56.618540764	
Accuracy: 0.6666666666666666	
Running kNN with k= 14, l= 2, weighting=True	
kNN completer - time elapsed from start: 56.982330322	
Accuracy: 0.7222222222222222	
Running kNN with k= 14, l= 2, weighting=False	
kNN completer - time elapsed from start: 57.196220398	
Accuracy: 0.6666666666666666	

Running kNN with k= 14, l= 3, weighting=True	
kNN completer - time elapsed from start: 57.569996357	
Accuracy: 0.7222222222222222	
Running kNN with k= 14, l= 3, weighting=False	
kNN completer - time elapsed from start: 57.812856436	
Accuracy: 0.6944444444444444	
Running kNN with k= 14, l= 4, weighting=True	
kNN completer - time elapsed from start: 58.188640118	
Accuracy: 0.7083333333333334	
Running kNN with k= 14, l= 4, weighting=False	
kNN completer - time elapsed from start: 58.403532982	
Accuracy: 0.6944444444444444	
Running kNN with k= 14, l= 5, weighting=True	
kNN completer - time elapsed from start: 58.775303125	
Accuracy: 0.7083333333333334	
Running kNN with k= 14, l= 5, weighting=False	
kNN completer - time elapsed from start: 58.997176886	
Accuracy: 0.6944444444444444	
Running kNN with k= 14, l= 6, weighting=True	
kNN completer - time elapsed from start: 59.371961594	
Accuracy: 0.7083333333333334	
Running kNN with k= 14, l= 6, weighting=False	
kNN completer - time elapsed from start: 59.592834234	
Accuracy: 0.6944444444444444	
Running kNN with k= 14, l= inf, weighting=True	
kNN completer - time elapsed from start: 59.868675709	
Accuracy: 0.4861111111111111	
Running kNN with k= 14, l= inf, weighting=False	
kNN completer - time elapsed from start: 60.015604973	
Accuracy: 0.4583333333333333	
Running kNN with k= 15, l= -1, weighting=True	
kNN completer - time elapsed from start: 60.272457361	
Accuracy: 0.3333333333333333	
Running kNN with k= 15, l= -1, weighting=False	
kNN completer - time elapsed from start: 60.413376570	
Accuracy: 0.3611111111111111	
Running kNN with k= 15, l= 1, weighting=True	
kNN completer - time elapsed from start: 60.803141356	
Accuracy: 0.6944444444444444	
Running kNN with k= 15, l= 1, weighting=False	
kNN completer - time elapsed from start: 61.036007643	
Accuracy: 0.6666666666666666	
Running kNN with k= 15, l= 2, weighting=True	
kNN completer - time elapsed from start: 61.403808117	
Accuracy: 0.6944444444444444	
Running kNN with k= 15, l= 2, weighting=False	

kNN completer - time elapsed from start: 61.623671293	
Accuracy: 0.6805555555555556	
Running kNN with k= 15, l= 3, weighting=True	
kNN completer - time elapsed from start: 61.986474276	
Accuracy: 0.7083333333333334	
Running kNN with k= 15, l= 3, weighting=False	
kNN completer - time elapsed from start: 62.199353456	
Accuracy: 0.7222222222222222	
Running kNN with k= 15, l= 4, weighting=True	
kNN completer - time elapsed from start: 62.561145067	
Accuracy: 0.7083333333333334	
Running kNN with k= 15, l= 4, weighting=False	
kNN completer - time elapsed from start: 62.787002563	
Accuracy: 0.7222222222222222	
Running kNN with k= 15, l= 5, weighting=True	
kNN completer - time elapsed from start: 63.148808479	
Accuracy: 0.7083333333333334	
Running kNN with k= 15, l= 5, weighting=False	
kNN completer - time elapsed from start: 63.361685991	
Accuracy: 0.7222222222222222	
Running kNN with k= 15, l= 6, weighting=True	
kNN completer - time elapsed from start: 63.730471373	
Accuracy: 0.7083333333333334	
Running kNN with k= 15, l= 6, weighting=False	
kNN completer - time elapsed from start: 63.946352720	
Accuracy: 0.7222222222222222	
Running kNN with k= 15, l= inf, weighting=True	
kNN completer - time elapsed from start: 64.201209307	
Accuracy: 0.4861111111111111	
Running kNN with k= 15, l= inf, weighting=False	
kNN completer - time elapsed from start: 64.347120285	
Accuracy: 0.4583333333333333	
Running kNN with k= 16, l= -1, weighting=True	
kNN completer - time elapsed from start: 64.605961084	
Accuracy: 0.375	
Running kNN with k= 16, l= -1, weighting=False	
kNN completer - time elapsed from start: 64.751888752	
Accuracy: 0.3472222222222222	
Running kNN with k= 16, l= 1, weighting=True	
kNN completer - time elapsed from start: 65.115691900	
Accuracy: 0.6805555555555556	
Running kNN with k= 16, l= 1, weighting=False	
kNN completer - time elapsed from start: 65.329545259	
Accuracy: 0.6388888888888888	
Running kNN with k= 16, l= 2, weighting=True	
kNN completer - time elapsed from start: 65.701332569	

Accuracy: 0.7222222222222222	
Running kNN with k= 16, l= 2, weighting=False	
kNN completer - time elapsed from start: 65.925204515	
Accuracy: 0.6388888888888888	
Running kNN with k= 16, l= 3, weighting=True	
kNN completer - time elapsed from start: 66.291006088	
Accuracy: 0.7638888888888888	
Running kNN with k= 16, l= 3, weighting=False	
kNN completer - time elapsed from start: 66.503872156	
Accuracy: 0.7222222222222222	
Running kNN with k= 16, l= 4, weighting=True	
kNN completer - time elapsed from start: 66.873659611	
Accuracy: 0.75	
Running kNN with k= 16, l= 4, weighting=False	
kNN completer - time elapsed from start: 67.086537361	
Accuracy: 0.7222222222222222	
Running kNN with k= 16, l= 5, weighting=True	
kNN completer - time elapsed from start: 67.459341288	
Accuracy: 0.75	
Running kNN with k= 16, l= 5, weighting=False	
kNN completer - time elapsed from start: 67.682196379	
Accuracy: 0.7222222222222222	
Running kNN with k= 16, l= 6, weighting=True	
kNN completer - time elapsed from start: 68.048987627	
Accuracy: 0.75	
Running kNN with k= 16, l= 6, weighting=False	
kNN completer - time elapsed from start: 68.277867317	
Accuracy: 0.7222222222222222	
Running kNN with k= 16, l= inf, weighting=True	
kNN completer - time elapsed from start: 68.532708883	
Accuracy: 0.4861111111111111	
Running kNN with k= 16, l= inf, weighting=False	
kNN completer - time elapsed from start: 68.688633919	
Accuracy: 0.4583333333333333	
Running kNN with k= 17, l= -1, weighting=True	
kNN completer - time elapsed from start: 68.945483923	
Accuracy: 0.375	
Running kNN with k= 17, l= -1, weighting=False	
kNN completer - time elapsed from start: 69.088389874	
Accuracy: 0.3888888888888889	
Running kNN with k= 17, l= 1, weighting=True	
kNN completer - time elapsed from start: 69.453190804	
Accuracy: 0.6805555555555556	
Running kNN with k= 17, l= 1, weighting=False	
kNN completer - time elapsed from start: 69.689046383	
Accuracy: 0.6527777777777778	

Running kNN with k= 17, l= 2, weighting=True	
kNN completer - time elapsed from start: 70.056835890	
Accuracy: 0.6805555555555556	
Running kNN with k= 17, l= 2, weighting=False	
kNN completer - time elapsed from start: 70.291701317	
Accuracy: 0.6527777777777778	
Running kNN with k= 17, l= 3, weighting=True	
kNN completer - time elapsed from start: 70.667485952	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= 3, weighting=False	
kNN completer - time elapsed from start: 70.881376266	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= 4, weighting=True	
kNN completer - time elapsed from start: 71.243167162	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= 4, weighting=False	
kNN completer - time elapsed from start: 71.467027664	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= 5, weighting=True	
kNN completer - time elapsed from start: 71.853804350	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= 5, weighting=False	
kNN completer - time elapsed from start: 72.065682888	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= 6, weighting=True	
kNN completer - time elapsed from start: 72.426476240	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= 6, weighting=False	
kNN completer - time elapsed from start: 72.654345751	
Accuracy: 0.6944444444444444	
Running kNN with k= 17, l= inf, weighting=True	
kNN completer - time elapsed from start: 72.910211325	
Accuracy: 0.4861111111111111	
Running kNN with k= 17, l= inf, weighting=False	
kNN completer - time elapsed from start: 73.057127237	
Accuracy: 0.4722222222222222	
Running kNN with k= 18, l= -1, weighting=True	
kNN completer - time elapsed from start: 73.318981409	
Accuracy: 0.4027777777777778	
Running kNN with k= 18, l= -1, weighting=False	
kNN completer - time elapsed from start: 73.464893341	
Accuracy: 0.3472222222222222	
Running kNN with k= 18, l= 1, weighting=True	
kNN completer - time elapsed from start: 73.841665268	
Accuracy: 0.6944444444444444	
Running kNN with k= 18, l= 1, weighting=False	

kNN completer - time elapsed from start: 74.054543495	
Accuracy: 0.6388888888888888	
Running kNN with k= 18, l= 2, weighting=True	
kNN completer - time elapsed from start: 74.420334101	
Accuracy: 0.7083333333333334	
Running kNN with k= 18, l= 2, weighting=False	
kNN completer - time elapsed from start: 74.654198647	
Accuracy: 0.6388888888888888	
Running kNN with k= 18, l= 3, weighting=True	
kNN completer - time elapsed from start: 75.018989563	
Accuracy: 0.7361111111111112	
Running kNN with k= 18, l= 3, weighting=False	
kNN completer - time elapsed from start: 75.232884407	
Accuracy: 0.6666666666666666	
Running kNN with k= 18, l= 4, weighting=True	
kNN completer - time elapsed from start: 75.601657152	
Accuracy: 0.7222222222222222	
Running kNN with k= 18, l= 4, weighting=False	
kNN completer - time elapsed from start: 75.832523823	
Accuracy: 0.6666666666666666	
Running kNN with k= 18, l= 5, weighting=True	
kNN completer - time elapsed from start: 76.194336414	
Accuracy: 0.7222222222222222	
Running kNN with k= 18, l= 5, weighting=False	
kNN completer - time elapsed from start: 76.406196117	
Accuracy: 0.6666666666666666	
Running kNN with k= 18, l= 6, weighting=True	
kNN completer - time elapsed from start: 76.782991409	
Accuracy: 0.7222222222222222	
Running kNN with k= 18, l= 6, weighting=False	
kNN completer - time elapsed from start: 77.000862837	
Accuracy: 0.6666666666666666	
Running kNN with k= 18, l= inf, weighting=True	
kNN completer - time elapsed from start: 77.253726244	
Accuracy: 0.4722222222222222	
Running kNN with k= 18, l= inf, weighting=False	
kNN completer - time elapsed from start: 77.398625135	
Accuracy: 0.4722222222222222	
Running kNN with k= 19, l= -1, weighting=True	
kNN completer - time elapsed from start: 77.654479027	
Accuracy: 0.3194444444444444	
Running kNN with k= 19, l= -1, weighting=False	
kNN completer - time elapsed from start: 77.815387964	
Accuracy: 0.3333333333333333	
Running kNN with k= 19, l= 1, weighting=True	
kNN completer - time elapsed from start: 78.186183691	

Accuracy: 0.6944444444444444	
Running kNN with k= 19, l= 1, weighting=False	
kNN completer - time elapsed from start: 78.395067215	
Accuracy: 0.6666666666666666	
Running kNN with k= 19, l= 2, weighting=True	
kNN completer - time elapsed from start: 78.763842821	
Accuracy: 0.6944444444444444	
Running kNN with k= 19, l= 2, weighting=False	
kNN completer - time elapsed from start: 78.993710995	
Accuracy: 0.6666666666666666	
Running kNN with k= 19, l= 3, weighting=True	
kNN completer - time elapsed from start: 79.364499569	
Accuracy: 0.7083333333333334	
Running kNN with k= 19, l= 3, weighting=False	
kNN completer - time elapsed from start: 79.602364540	
Accuracy: 0.7083333333333334	
Running kNN with k= 19, l= 4, weighting=True	
kNN completer - time elapsed from start: 79.970163345	
Accuracy: 0.7083333333333334	
Running kNN with k= 19, l= 4, weighting=False	
kNN completer - time elapsed from start: 80.186028957	
Accuracy: 0.7083333333333334	
Running kNN with k= 19, l= 5, weighting=True	
kNN completer - time elapsed from start: 80.574819565	
Accuracy: 0.6944444444444444	
Running kNN with k= 19, l= 5, weighting=False	
kNN completer - time elapsed from start: 80.795686722	
Accuracy: 0.7083333333333334	
Running kNN with k= 19, l= 6, weighting=True	
kNN completer - time elapsed from start: 81.155488729	
Accuracy: 0.6944444444444444	
Running kNN with k= 19, l= 6, weighting=False	
kNN completer - time elapsed from start: 81.380355120	
Accuracy: 0.7083333333333334	
Running kNN with k= 19, l= inf, weighting=True	
kNN completer - time elapsed from start: 81.659183025	
Accuracy: 0.4861111111111111	
Running kNN with k= 19, l= inf, weighting=False	
kNN completer - time elapsed from start: 81.807097912	
Accuracy: 0.4861111111111111	
Running kNN with k= 20, l= -1, weighting=True	
kNN completer - time elapsed from start: 82.066948891	
Accuracy: 0.3472222222222222	
Running kNN with k= 20, l= -1, weighting=False	
kNN completer - time elapsed from start: 82.208867788	
Accuracy: 0.2916666666666667	

Running kNN with k= 20, l= 1, weighting=True	
kNN completer - time elapsed from start: 82.601643085	
Accuracy: 0.6944444444444444	
Running kNN with k= 20, l= 1, weighting=False	
kNN completer - time elapsed from start: 82.844503641	
Accuracy: 0.6527777777777778	
Running kNN with k= 20, l= 2, weighting=True	
kNN completer - time elapsed from start: 83.215290785	
Accuracy: 0.6944444444444444	
Running kNN with k= 20, l= 2, weighting=False	
kNN completer - time elapsed from start: 83.429180384	
Accuracy: 0.6666666666666666	
Running kNN with k= 20, l= 3, weighting=True	
kNN completer - time elapsed from start: 83.845930099	
Accuracy: 0.7222222222222222	
Running kNN with k= 20, l= 3, weighting=False	
kNN completer - time elapsed from start: 84.078796864	
Accuracy: 0.7083333333333334	
Running kNN with k= 20, l= 4, weighting=True	
kNN completer - time elapsed from start: 84.451583147	
Accuracy: 0.7222222222222222	
Running kNN with k= 20, l= 4, weighting=False	
kNN completer - time elapsed from start: 84.689445257	
Accuracy: 0.7083333333333334	
Running kNN with k= 20, l= 5, weighting=True	
kNN completer - time elapsed from start: 85.054249287	
Accuracy: 0.7222222222222222	
Running kNN with k= 20, l= 5, weighting=False	
kNN completer - time elapsed from start: 85.275110483	
Accuracy: 0.7083333333333334	
Running kNN with k= 20, l= 6, weighting=True	
kNN completer - time elapsed from start: 85.640901566	
Accuracy: 0.7222222222222222	
Running kNN with k= 20, l= 6, weighting=False	
kNN completer - time elapsed from start: 85.854789972	
Accuracy: 0.7083333333333334	
Running kNN with k= 20, l= inf, weighting=True	
kNN completer - time elapsed from start: 86.109648943	
Accuracy: 0.4861111111111111	
Running kNN with k= 20, l= inf, weighting=False	
kNN completer - time elapsed from start: 86.252561569	
Accuracy: 0.4583333333333333	
Running kNN with k= 21, l= -1, weighting=True	
kNN completer - time elapsed from start: 86.505416632	
Accuracy: 0.3472222222222222	
Running kNN with k= 21, l= -1, weighting=False	

kNN completer - time elapsed from start: 86.656334877	
Accuracy: 0.3194444444444444	
Running kNN with k= 21, l= 1, weighting=True	
kNN completer - time elapsed from start: 87.019109964	
Accuracy: 0.6944444444444444	
Running kNN with k= 21, l= 1, weighting=False	
kNN completer - time elapsed from start: 87.228002071	
Accuracy: 0.6944444444444444	
Running kNN with k= 21, l= 2, weighting=True	
kNN completer - time elapsed from start: 87.591798544	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 2, weighting=False	
kNN completer - time elapsed from start: 87.808657885	
Accuracy: 0.6944444444444444	
Running kNN with k= 21, l= 3, weighting=True	
kNN completer - time elapsed from start: 88.171465874	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 3, weighting=False	
kNN completer - time elapsed from start: 88.390324593	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 4, weighting=True	
kNN completer - time elapsed from start: 88.765109062	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 4, weighting=False	
kNN completer - time elapsed from start: 88.995977402	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 5, weighting=True	
kNN completer - time elapsed from start: 89.364782333	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 5, weighting=False	
kNN completer - time elapsed from start: 89.581641197	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 6, weighting=True	
kNN completer - time elapsed from start: 89.946444511	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= 6, weighting=False	
kNN completer - time elapsed from start: 90.171302795	
Accuracy: 0.7222222222222222	
Running kNN with k= 21, l= inf, weighting=True	
kNN completer - time elapsed from start: 90.423175573	
Accuracy: 0.4722222222222222	
Running kNN with k= 21, l= inf, weighting=False	
kNN completer - time elapsed from start: 90.570087194	
Accuracy: 0.4583333333333333	
Running kNN with k= 22, l= -1, weighting=True	
kNN completer - time elapsed from start: 90.835934639	

Accuracy: 0.3055555555555556	
Running kNN with k= 22, l= -1, weighting=False	
kNN completer - time elapsed from start: 90.977852345	
Accuracy: 0.2916666666666667	
Running kNN with k= 22, l= 1, weighting=True	
kNN completer - time elapsed from start: 91.338646412	
Accuracy: 0.7222222222222222	
Running kNN with k= 22, l= 1, weighting=False	
kNN completer - time elapsed from start: 91.556508303	
Accuracy: 0.6944444444444444	
Running kNN with k= 22, l= 2, weighting=True	
kNN completer - time elapsed from start: 91.921298981	
Accuracy: 0.7361111111111112	
Running kNN with k= 22, l= 2, weighting=False	
kNN completer - time elapsed from start: 92.150169373	
Accuracy: 0.6666666666666666	
Running kNN with k= 22, l= 3, weighting=True	
kNN completer - time elapsed from start: 92.518956661	
Accuracy: 0.7222222222222222	
Running kNN with k= 22, l= 3, weighting=False	
kNN completer - time elapsed from start: 92.736846209	
Accuracy: 0.6944444444444444	
Running kNN with k= 22, l= 4, weighting=True	
kNN completer - time elapsed from start: 93.102622509	
Accuracy: 0.7083333333333334	
Running kNN with k= 22, l= 4, weighting=False	
kNN completer - time elapsed from start: 93.313513994	
Accuracy: 0.6944444444444444	
Running kNN with k= 22, l= 5, weighting=True	
kNN completer - time elapsed from start: 93.685300350	
Accuracy: 0.7083333333333334	
Running kNN with k= 22, l= 5, weighting=False	
kNN completer - time elapsed from start: 93.897178411	
Accuracy: 0.6944444444444444	
Running kNN with k= 22, l= 6, weighting=True	
kNN completer - time elapsed from start: 94.262968540	
Accuracy: 0.7083333333333334	
Running kNN with k= 22, l= 6, weighting=False	
kNN completer - time elapsed from start: 94.474853039	
Accuracy: 0.6944444444444444	
Running kNN with k= 22, l= inf, weighting=True	
kNN completer - time elapsed from start: 94.732687235	
Accuracy: 0.4722222222222222	
Running kNN with k= 22, l= inf, weighting=False	
kNN completer - time elapsed from start: 94.877604008	
Accuracy: 0.4583333333333333	

Running kNN with k= 23, l= -1, weighting=True	
kNN completer - time elapsed from start: 95.134458065	
Accuracy: 0.3055555555555556	
Running kNN with k= 23, l= -1, weighting=False	
kNN completer - time elapsed from start: 95.288369894	
Accuracy: 0.2916666666666667	
Running kNN with k= 23, l= 1, weighting=True	
kNN completer - time elapsed from start: 95.660170317	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 1, weighting=False	
kNN completer - time elapsed from start: 95.874049664	
Accuracy: 0.6805555555555556	
Running kNN with k= 23, l= 2, weighting=True	
kNN completer - time elapsed from start: 96.238823652	
Accuracy: 0.7361111111111112	
Running kNN with k= 23, l= 2, weighting=False	
kNN completer - time elapsed from start: 96.449702978	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 3, weighting=True	
kNN completer - time elapsed from start: 96.816492319	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 3, weighting=False	
kNN completer - time elapsed from start: 97.028371572	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 4, weighting=True	
kNN completer - time elapsed from start: 97.391180277	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 4, weighting=False	
kNN completer - time elapsed from start: 97.610038280	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 5, weighting=True	
kNN completer - time elapsed from start: 97.982836246	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 5, weighting=False	
kNN completer - time elapsed from start: 98.197713375	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 6, weighting=True	
kNN completer - time elapsed from start: 98.563491106	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= 6, weighting=False	
kNN completer - time elapsed from start: 98.785364389	
Accuracy: 0.7222222222222222	
Running kNN with k= 23, l= inf, weighting=True	
kNN completer - time elapsed from start: 99.041226864	
Accuracy: 0.4861111111111111	
Running kNN with k= 23, l= inf, weighting=False	

kNN completer - time elapsed from start: 99.190133333	
Accuracy: 0.472222222222222	
Running kNN with k= 24, l= -1, weighting=True	
kNN completer - time elapsed from start: 99.457977772	
Accuracy: 0.305555555555556	
Running kNN with k= 24, l= -1, weighting=False	
kNN completer - time elapsed from start: 99.625883341	
Accuracy: 0.263888888888889	
Running kNN with k= 24, l= 1, weighting=True	
kNN completer - time elapsed from start: 100.043659925	
Accuracy: 0.722222222222222	
Running kNN with k= 24, l= 1, weighting=False	
kNN completer - time elapsed from start: 100.266532183	
Accuracy: 0.694444444444444	
Running kNN with k= 24, l= 2, weighting=True	
kNN completer - time elapsed from start: 100.641301394	
Accuracy: 0.708333333333334	
Running kNN with k= 24, l= 2, weighting=False	
kNN completer - time elapsed from start: 100.866172075	
Accuracy: 0.694444444444444	
Running kNN with k= 24, l= 3, weighting=True	
kNN completer - time elapsed from start: 101.240955591	
Accuracy: 0.75	
Running kNN with k= 24, l= 3, weighting=False	
kNN completer - time elapsed from start: 101.453834057	
Accuracy: 0.722222222222222	
Running kNN with k= 24, l= 4, weighting=True	
kNN completer - time elapsed from start: 101.827619314	
Accuracy: 0.736111111111112	
Running kNN with k= 24, l= 4, weighting=False	
kNN completer - time elapsed from start: 102.042496204	
Accuracy: 0.722222222222222	
Running kNN with k= 24, l= 5, weighting=True	
kNN completer - time elapsed from start: 102.406300545	
Accuracy: 0.736111111111112	
Running kNN with k= 24, l= 5, weighting=False	
kNN completer - time elapsed from start: 102.634157896	
Accuracy: 0.722222222222222	
Running kNN with k= 24, l= 6, weighting=True	
kNN completer - time elapsed from start: 103.009941578	
Accuracy: 0.736111111111112	
Running kNN with k= 24, l= 6, weighting=False	
kNN completer - time elapsed from start: 103.226830006	
Accuracy: 0.722222222222222	
Running kNN with k= 24, l= inf, weighting=True	
kNN completer - time elapsed from start: 103.485668898	

Accuracy: 0.5	
Running kNN with k= 24, l= inf, weighting=False	
kNN completer - time elapsed from start: 103.645577431	
Accuracy: 0.4305555555555556	
Running kNN with k= 25, l= -1, weighting=True	
kNN completer - time elapsed from start: 103.909435272	
Accuracy: 0.3055555555555556	
Running kNN with k= 25, l= -1, weighting=False	
kNN completer - time elapsed from start: 104.054355145	
Accuracy: 0.2916666666666667	
Running kNN with k= 25, l= 1, weighting=True	
kNN completer - time elapsed from start: 104.429131985	
Accuracy: 0.7222222222222222	
Running kNN with k= 25, l= 1, weighting=False	
kNN completer - time elapsed from start: 104.660995007	
Accuracy: 0.75	
Running kNN with k= 25, l= 2, weighting=True	
kNN completer - time elapsed from start: 105.041794062	
Accuracy: 0.7083333333333334	
Running kNN with k= 25, l= 2, weighting=False	
kNN completer - time elapsed from start: 105.273644209	
Accuracy: 0.7222222222222222	
Running kNN with k= 25, l= 3, weighting=True	
kNN completer - time elapsed from start: 105.651427507	
Accuracy: 0.75	
Running kNN with k= 25, l= 3, weighting=False	
kNN completer - time elapsed from start: 105.875300407	
Accuracy: 0.7638888888888888	
Running kNN with k= 25, l= 4, weighting=True	
kNN completer - time elapsed from start: 106.250096560	
Accuracy: 0.75	
Running kNN with k= 25, l= 4, weighting=False	
kNN completer - time elapsed from start: 106.464977741	
Accuracy: 0.7638888888888888	
Running kNN with k= 25, l= 5, weighting=True	
kNN completer - time elapsed from start: 106.842744827	
Accuracy: 0.75	
Running kNN with k= 25, l= 5, weighting=False	
kNN completer - time elapsed from start: 107.058622360	
Accuracy: 0.7638888888888888	
Running kNN with k= 25, l= 6, weighting=True	
kNN completer - time elapsed from start: 107.430407047	
Accuracy: 0.75	
Running kNN with k= 25, l= 6, weighting=False	
kNN completer - time elapsed from start: 107.658291340	
Accuracy: 0.7638888888888888	

Running kNN with k= 25, l= inf, weighting=True	
kNN completer - time elapsed from start: 107.914130688	
Accuracy: 0.5416666666666666	
Running kNN with k= 25, l= inf, weighting=False	
kNN completer - time elapsed from start: 108.061063051	
Accuracy: 0.4722222222222222	
Running kNN with k= 26, l= -1, weighting=True	
kNN completer - time elapsed from start: 108.319897652	
Accuracy: 0.3055555555555556	
Running kNN with k= 26, l= -1, weighting=False	
kNN completer - time elapsed from start: 108.462827921	
Accuracy: 0.2916666666666667	
Running kNN with k= 26, l= 1, weighting=True	
kNN completer - time elapsed from start: 108.840600014	
Accuracy: 0.7361111111111112	
Running kNN with k= 26, l= 1, weighting=False	
kNN completer - time elapsed from start: 109.079468489	
Accuracy: 0.7361111111111112	
Running kNN with k= 26, l= 2, weighting=True	
kNN completer - time elapsed from start: 109.451261759	
Accuracy: 0.7361111111111112	
Running kNN with k= 26, l= 2, weighting=False	
kNN completer - time elapsed from start: 109.680130243	
Accuracy: 0.7638888888888888	
Running kNN with k= 26, l= 3, weighting=True	
kNN completer - time elapsed from start: 110.056901455	
Accuracy: 0.75	
Running kNN with k= 26, l= 3, weighting=False	
kNN completer - time elapsed from start: 110.272778034	
Accuracy: 0.7777777777777778	
Running kNN with k= 26, l= 4, weighting=True	
kNN completer - time elapsed from start: 110.638570547	
Accuracy: 0.75	
Running kNN with k= 26, l= 4, weighting=False	
kNN completer - time elapsed from start: 110.852458239	
Accuracy: 0.7777777777777778	
Running kNN with k= 26, l= 5, weighting=True	
kNN completer - time elapsed from start: 111.234243631	
Accuracy: 0.75	
Running kNN with k= 26, l= 5, weighting=False	
kNN completer - time elapsed from start: 111.446111917	
Accuracy: 0.7777777777777778	
Running kNN with k= 26, l= 6, weighting=True	
kNN completer - time elapsed from start: 111.833883047	
Accuracy: 0.75	
Running kNN with k= 26, l= 6, weighting=False	

kNN completer - time elapsed from start: 112.061752796	
Accuracy: 0.777777777777778	
Running kNN with k= 26, l= inf, weighting=True	
kNN completer - time elapsed from start: 112.327609777	
Accuracy: 0.5416666666666666	
Running kNN with k= 26, l= inf, weighting=False	
kNN completer - time elapsed from start: 112.474527359	
Accuracy: 0.4722222222222222	
Running kNN with k= 27, l= -1, weighting=True	
kNN completer - time elapsed from start: 112.744360685	
Accuracy: 0.3333333333333333	
Running kNN with k= 27, l= -1, weighting=False	
kNN completer - time elapsed from start: 112.887295485	
Accuracy: 0.3194444444444444	
Running kNN with k= 27, l= 1, weighting=True	
kNN completer - time elapsed from start: 113.256084919	
Accuracy: 0.7361111111111112	
Running kNN with k= 27, l= 1, weighting=False	
kNN completer - time elapsed from start: 113.471943378	
Accuracy: 0.7361111111111112	
Running kNN with k= 27, l= 2, weighting=True	
kNN completer - time elapsed from start: 113.847742796	
Accuracy: 0.75	
Running kNN with k= 27, l= 2, weighting=False	
kNN completer - time elapsed from start: 114.062606573	
Accuracy: 0.777777777777778	
Running kNN with k= 27, l= 3, weighting=True	
kNN completer - time elapsed from start: 114.426408768	
Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= 3, weighting=False	
kNN completer - time elapsed from start: 114.670256615	
Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= 4, weighting=True	
kNN completer - time elapsed from start: 115.036064148	
Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= 4, weighting=False	
kNN completer - time elapsed from start: 115.250936508	
Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= 5, weighting=True	
kNN completer - time elapsed from start: 115.620726824	
Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= 5, weighting=False	
kNN completer - time elapsed from start: 115.837587118	
Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= 6, weighting=True	
kNN completer - time elapsed from start: 116.201391697	

Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= 6, weighting=False	
kNN completer - time elapsed from start: 116.417267084	
Accuracy: 0.7638888888888888	
Running kNN with k= 27, l= inf, weighting=True	
kNN completer - time elapsed from start: 116.770070314	
Accuracy: 0.5277777777777778	
Running kNN with k= 27, l= inf, weighting=False	
kNN completer - time elapsed from start: 116.926964045	
Accuracy: 0.4861111111111111	
Running kNN with k= 28, l= -1, weighting=True	
kNN completer - time elapsed from start: 117.217795849	
Accuracy: 0.3333333333333333	
Running kNN with k= 28, l= -1, weighting=False	
kNN completer - time elapsed from start: 117.367710590	
Accuracy: 0.3333333333333333	
Running kNN with k= 28, l= 1, weighting=True	
kNN completer - time elapsed from start: 117.761501312	
Accuracy: 0.75	
Running kNN with k= 28, l= 1, weighting=False	
kNN completer - time elapsed from start: 117.974374771	
Accuracy: 0.7083333333333334	
Running kNN with k= 28, l= 2, weighting=True	
kNN completer - time elapsed from start: 118.344150543	
Accuracy: 0.7638888888888888	
Running kNN with k= 28, l= 2, weighting=False	
kNN completer - time elapsed from start: 118.563025475	
Accuracy: 0.7638888888888888	
Running kNN with k= 28, l= 3, weighting=True	
kNN completer - time elapsed from start: 118.955799341	
Accuracy: 0.7638888888888888	
Running kNN with k= 28, l= 3, weighting=False	
kNN completer - time elapsed from start: 119.179683924	
Accuracy: 0.7777777777777778	
Running kNN with k= 28, l= 4, weighting=True	
kNN completer - time elapsed from start: 119.547470808	
Accuracy: 0.75	
Running kNN with k= 28, l= 4, weighting=False	
kNN completer - time elapsed from start: 119.772344112	
Accuracy: 0.7777777777777778	
Running kNN with k= 28, l= 5, weighting=True	
kNN completer - time elapsed from start: 120.141141415	
Accuracy: 0.75	
Running kNN with k= 28, l= 5, weighting=False	
kNN completer - time elapsed from start: 120.355009794	
Accuracy: 0.7777777777777778	

Running kNN with k= 28, l= 6, weighting=True	
kNN completer - time elapsed from start: 120.735791683	
Accuracy: 0.75	
Running kNN with k= 28, l= 6, weighting=False	
kNN completer - time elapsed from start: 120.948670149	
Accuracy: 0.7777777777777778	
Running kNN with k= 28, l= inf, weighting=True	
kNN completer - time elapsed from start: 121.208508015	
Accuracy: 0.5277777777777778	
Running kNN with k= 28, l= inf, weighting=False	
kNN completer - time elapsed from start: 121.354424000	
Accuracy: 0.4861111111111111	
Running kNN with k= 29, l= -1, weighting=True	
kNN completer - time elapsed from start: 121.616276264	
Accuracy: 0.375	
Running kNN with k= 29, l= -1, weighting=False	
kNN completer - time elapsed from start: 121.763190746	
Accuracy: 0.3611111111111111	
Running kNN with k= 29, l= 1, weighting=True	
kNN completer - time elapsed from start: 122.130991697	
Accuracy: 0.75	
Running kNN with k= 29, l= 1, weighting=False	
kNN completer - time elapsed from start: 122.353852272	
Accuracy: 0.7222222222222222	
Running kNN with k= 29, l= 2, weighting=True	
kNN completer - time elapsed from start: 122.731636047	
Accuracy: 0.7777777777777778	
Running kNN with k= 29, l= 2, weighting=False	
kNN completer - time elapsed from start: 122.956518173	
Accuracy: 0.7638888888888888	
Running kNN with k= 29, l= 3, weighting=True	
kNN completer - time elapsed from start: 123.325306654	
Accuracy: 0.75	
Running kNN with k= 29, l= 3, weighting=False	
kNN completer - time elapsed from start: 123.538172245	
Accuracy: 0.7638888888888888	
Running kNN with k= 29, l= 4, weighting=True	
kNN completer - time elapsed from start: 123.919955015	
Accuracy: 0.75	
Running kNN with k= 29, l= 4, weighting=False	
kNN completer - time elapsed from start: 124.137845516	
Accuracy: 0.7638888888888888	
Running kNN with k= 29, l= 5, weighting=True	
kNN completer - time elapsed from start: 124.501636505	
Accuracy: 0.75	
Running kNN with k= 29, l= 5, weighting=False	

kNN completer - time elapsed from start: 124.732489347	
Accuracy: 0.7638888888888888	
Running kNN with k= 29, l= 6, weighting=True	
kNN completer - time elapsed from start: 125.149799824	
Accuracy: 0.75	
Running kNN with k= 29, l= 6, weighting=False	
kNN completer - time elapsed from start: 125.369686604	
Accuracy: 0.7638888888888888	
Running kNN with k= 29, l= inf, weighting=True	
kNN completer - time elapsed from start: 125.632523775	
Accuracy: 0.5277777777777778	
Running kNN with k= 29, l= inf, weighting=False	
kNN completer - time elapsed from start: 125.782449722	
Accuracy: 0.4861111111111111	
Running kNN with k= 30, l= -1, weighting=True	
kNN completer - time elapsed from start: 126.043287754	
Accuracy: 0.3611111111111111	
Running kNN with k= 30, l= -1, weighting=False	
kNN completer - time elapsed from start: 126.189204216	
Accuracy: 0.3611111111111111	
Running kNN with k= 30, l= 1, weighting=True	
kNN completer - time elapsed from start: 126.570986032	
Accuracy: 0.75	
Running kNN with k= 30, l= 1, weighting=False	
kNN completer - time elapsed from start: 126.801853180	
Accuracy: 0.6944444444444444	
Running kNN with k= 30, l= 2, weighting=True	
kNN completer - time elapsed from start: 127.180652380	
Accuracy: 0.7638888888888888	
Running kNN with k= 30, l= 2, weighting=False	
kNN completer - time elapsed from start: 127.398523808	
Accuracy: 0.7638888888888888	
Running kNN with k= 30, l= 3, weighting=True	
kNN completer - time elapsed from start: 127.777303696	
Accuracy: 0.7777777777777778	
Running kNN with k= 30, l= 3, weighting=False	
kNN completer - time elapsed from start: 127.994169235	
Accuracy: 0.75	
Running kNN with k= 30, l= 4, weighting=True	
kNN completer - time elapsed from start: 128.381947279	
Accuracy: 0.7777777777777778	
Running kNN with k= 30, l= 4, weighting=False	
kNN completer - time elapsed from start: 128.610829115	
Accuracy: 0.75	
Running kNN with k= 30, l= 5, weighting=True	
kNN completer - time elapsed from start: 128.987612486	

Accuracy: 0.777777777777778	
Running kNN with k= 30, l= 5, weighting=False	
kNN completer - time elapsed from start: 129.220466852	
Accuracy: 0.75	
Running kNN with k= 30, l= 6, weighting=True	
kNN completer - time elapsed from start: 129.593252897	
Accuracy: 0.777777777777778	
Running kNN with k= 30, l= 6, weighting=False	
kNN completer - time elapsed from start: 129.822134018	
Accuracy: 0.75	
Running kNN with k= 30, l= inf, weighting=True	
kNN completer - time elapsed from start: 130.081973076	
Accuracy: 0.5138888888888888	
Running kNN with k= 30, l= inf, weighting=False	
kNN completer - time elapsed from start: 130.229889154	
Accuracy: 0.4861111111111111	
Highest accuracy achieved: 0.7778	