

Task: Neighborhood Swim Team Selection

Grade Level: 4-5

The [local swim team name] swim coach needs to select two swimmers to join the girls freestyle relay team for the championship meet on July 20th. Table 1 shows each of the swimmer's 50 meter freestyle times for the last 8 swim meets. Use the data to develop a method for selecting 2 swimmers to join the relay team.

Write a letter to the swim coach that tells which swimmers you selected, and why. Explain the method you used to select the swimmers so that the coach can use your method to choose swimmers for other events.

Table 1: Swimming Times for Girl's 50m Freestyle

Competition	Sara	Gabby	Cristina	Taylor	Elena	Bella	Amira
1. May 10th dual meet	39.62	37.98	DNC	39.99	38.98	41.42	38.68
2. May 21st dual meet	39.46	39.53	45.12	39.05	39.67	41.69	40.27
3. June 5th dual meet	37.81	39.13	43.73	40.79	40.3	41.93	39.46
4. June 12th citywide meet	38.43	38.43	41.74	38.81	40.8	DNC	38.9
5. June 20th dual meet	41.12	38.58	41.32	38.11	38.45	41.9	41.62
6. June 24th citywide meet	DNC	38.44	42.43	38.98	38.44	38.67	38.93
7. June 30th dual meet	39.07	DNC	41.86	39.07	39.29	40.32	40.69
8. July 2nd dual meet	38.06	40.12	40.24	38.94	38.83	DNC	39.67
9. July 8th dual meet	41.5	40.44	40.35	39.23	40.19	41.42	41.87
10. July 14th citywide meet	39.31	39.78	40.06	39.44	38.85	40.4	40.24
11. July 20th Championship							

Note: All times are given in seconds; DNC means the swimmer did not compete.

Task: Neighborhood Swim Team Selection

Grade Level: 3

The [local swim team name] swim coach needs to select two swimmers to join the girls freestyle relay team for the championship meet on July 20th. Table 1 shows each of the swimmer's 50 meter freestyle times for the last 8 swim meets. The times are rounded to the nearest whole second. Use the data to develop a method for selecting 2 swimmers to join the relay team.

Write a letter to the swim coach that tell which swimmers you selected, and why. Explain the method you used to select the swimmers so that the coach can use your method to choose swimmers for other events.

Table 1: Swimming Times for Girl's 50m Freestyle

Competition	Sara	Gabby	Cristina	Taylor	Elena	Bella	Amira
1. May 10th dual meet	40	38	DNC	40	39	41	39
2. May 21st dual meet	41	40	45	39	40	42	40
3. June 5th dual meet	38	39	44	41	40	42	39
4. June 12th citywide meet	38	38	42	39	41	DNC	39
5. June 20th dual meet	41	39	41	38	39	42	42
6. June 24th citywide meet	DNC	38	42	39	38	39	39
7. June 30th dual meet	39	DNC	42	39	40	40	41
8. July 2nd dual meet	38	40	40	39	39	DNC	40
9. July 8th dual meet	42	40	40	39	40	41	42
10. July 14th citywide meet	39	40	40	39	38	40	40
11. July 20th Championship							

Note: All times are given in seconds; DNC means the swimmer did not compete.