

Name:

Date:

Level I

Problem: Calgary Trip

Your family is going on a trip to Calgary and you have two days and \$200 to spend on activities. Decide what you will do and how much it will cost.

Activity	Family Cost	Time
Calgary Zoo	\$60	Full day
Royal Tyrrell Dinosaur Museum	\$48	Full day
Spark Science Centre	\$52	Half day
Calgary Art Gallery	free	Half day
Millennium Skate Park	free	Half day
Calgary Flames Game	\$180	Half day
Laser tag	\$40	Half day
Climbing Wall	\$38	Full day

1. Interpret:

What is this problem asking you to do?



What information is important? What assumptions are you making?

2. Apply: What are your steps or plan?



3. Solve: Show all of your thinking.



4. Analyze: Justify your solution.



How is your solution stronger or weaker than other possible solutions?



Share your solution in words.

Name:

Date:

Level I

Problem: Fair Teams

Create two fair dodgeball teams. Each team will have 3 people.

Name	Rating out of 4			
	Speed	Aim	Dodge	Attitude
Saira	4	2	4	2
Trudy	4	4	2	1
Jamie	3	3	3	3
Kenji	3	1	4	3
Charles	2	2	4	4
Min	3	4	1	4

1. Interpret:

What is this problem asking you to do?



What information is important? What assumptions are you making?

2. Apply: What are your steps or plan?



3. Solve: Show all of your thinking.



4. Analyze: Justify your solution.



How is your solution stronger or weaker than other possible solutions?



Share your solution in words.