

## 2010 Iditarod Self Start Math Problems Week 1 Day #1

1. Three pieces of equipment were in the snow--a gangline, a sled bag, and a harness. They belong to Sonny, Jeff and Mitch. Jeff does not own the harness or the gangline. Sonny's equipment goes on the dog. Who owns the gangline?

X			

KEY: X = no ☺ = yes

2. Two Jr. Iditarod mushers have a total of seventeen necklines. One has five more than the other. How many necklines do they each have?

## 2010 Iditarod Self Start Math Problems Week 1 Day #2

1. DeeDee, Rick, and Hans ran a sprint race with only six dogs each. Hans's time was faster than Rick's time, but Hans did not win.

Who won the race? \_\_\_\_\_

Who came in last? \_\_\_\_\_

2. Sam must be in Wasilla with his dogs for the vet check by 8:15 a.m. It takes him about three hours and ten minutes to get to Wasilla from his home. What time should Sam leave his home to arrive in Wasilla on time?

### 2010 Iditarod Self Start Math Problems Week 1 Day #3

1. Bill, Zack, Martin, and Dan are in the Iditarod. What are all the possibilities for the way the race could have finished with those four mushers? *Hint: use letters like this: B,Z,M,D to list all the ways*

2. Four dogs each had their own sleds in a dog sled race. The dogs' names were Bandito, Sweetie Pie, M&M, and Paws. Paws finished the race before Sweetie Pie but behind Bandito. M&M did not win, but she beat Sweetie Pie and Paws. Give the order of finish.

1<sup>st</sup>: \_\_\_\_\_ 2<sup>nd</sup>: \_\_\_\_\_

3<sup>rd</sup>: \_\_\_\_\_ 4<sup>th</sup>: \_\_\_\_\_

### 2008 Iditarod Self Start Math Problems Week 1 Day #4

1. Six mushers met each other at the mushers' banquet. If they each shake hands once, how many handshakes will there be? Draw a sketch of your findings.

2. In the morning the temperature was  $-50^{\circ}$  F. By noon it was  $-28^{\circ}$  F, by 2:00 p.m. the temperature was  $31^{\circ}$  F. How many degrees did the temperature rise during the day?

**Self Start Quiz 2010 Iditarod Math - Week #1**

1. Three pieces of equipment were in the snow--a gangline, a sled bag, and a harness. They belong to Sonny, Hans, and Mitch. Hans does not own the harness or the gangline. Sonny's equipment goes on the dog. Who owns the gangline?

X			

KEY: X = no ☺ = yes

2. Sam must be in Wasilla with his dogs for the vet check by 8:15 a.m. It takes him about three hours and ten minutes to get to Wasilla from his home. What time should Sam leave his home to arrive in Wasilla on time?

3. Four dogs each had their own sleds in a dog sled race. The dogs' names were Bandito, Sweetie Pie, M&M, and Paws. Paws finished the race before Sweetie Pie but behind Bandito. M&M did not win, but she beat Sweetie Pie and Paws. Give the order of finish.

1<sup>st</sup>: \_\_\_\_\_ 2<sup>nd</sup>: \_\_\_\_\_

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