

## Idita-Math Solutions for *Geometry on the Trail*

The first part of *Geometry on the Trail* asked you to use the Iditarod trail map to answer questions about angles.

Here's the map...



Here are some possible answers from students and their families:

Checkpoints that would form an **acute angle**:

- Anchorage, Campbell Airstrip, Willow (Angelia L.)
- Elim, Koyuk, Shaktoolik (David S.)

Checkpoints that would form an **obtuse angle**:

- McGrath, Nikolai, Rainy Pass (Owen M.)
- Nome, Safety, White Mountain (Jacob W.)

Checkpoints that would form a **right angle**:

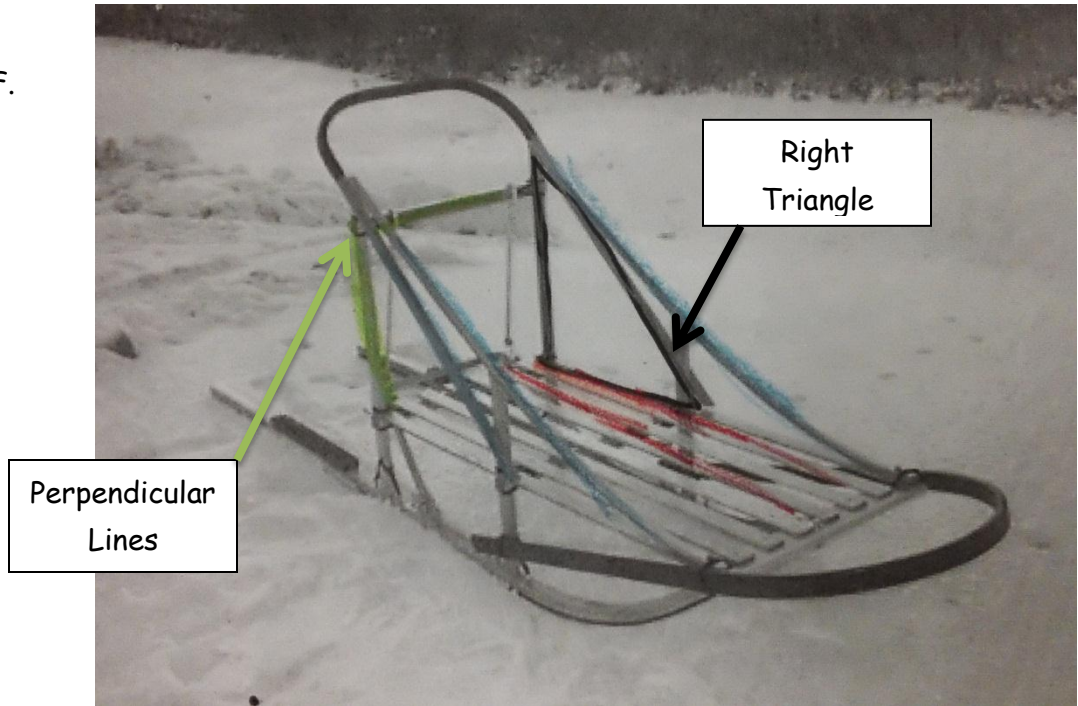
- Cripple, Ophir, Takotna (Cole C.)

Checkpoints that would form a **straight angle**:

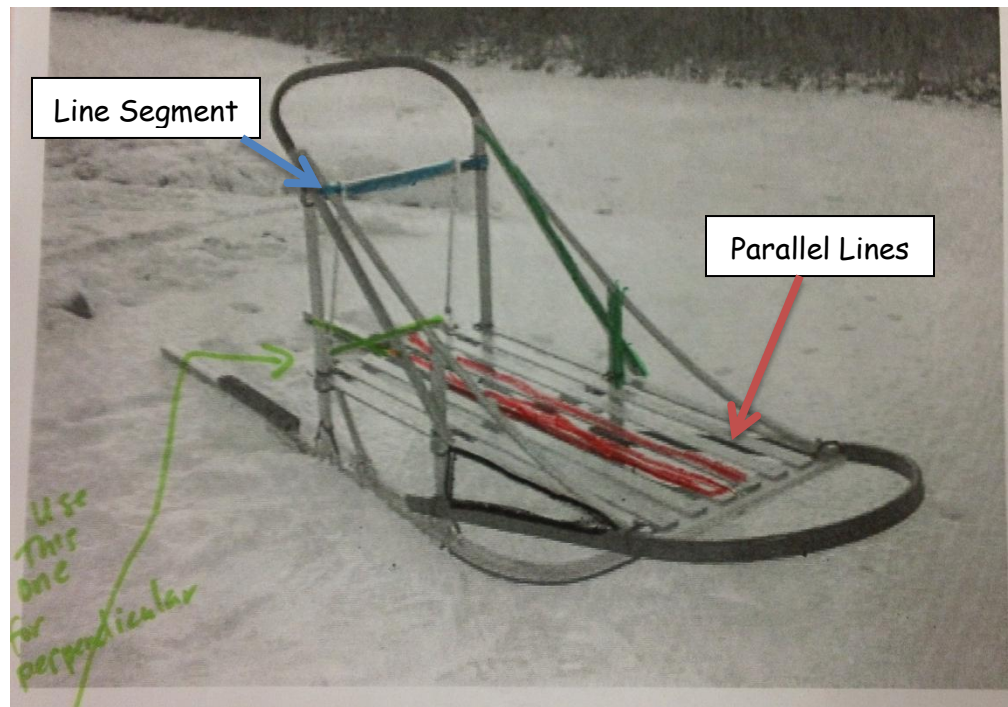
- Ophir, Cripple, Ruby (Andrew T.)

The second part of *Geometry on the Trail* asked you to use the picture of a dog sled to identify lines and shapes.

Emma Ann F.

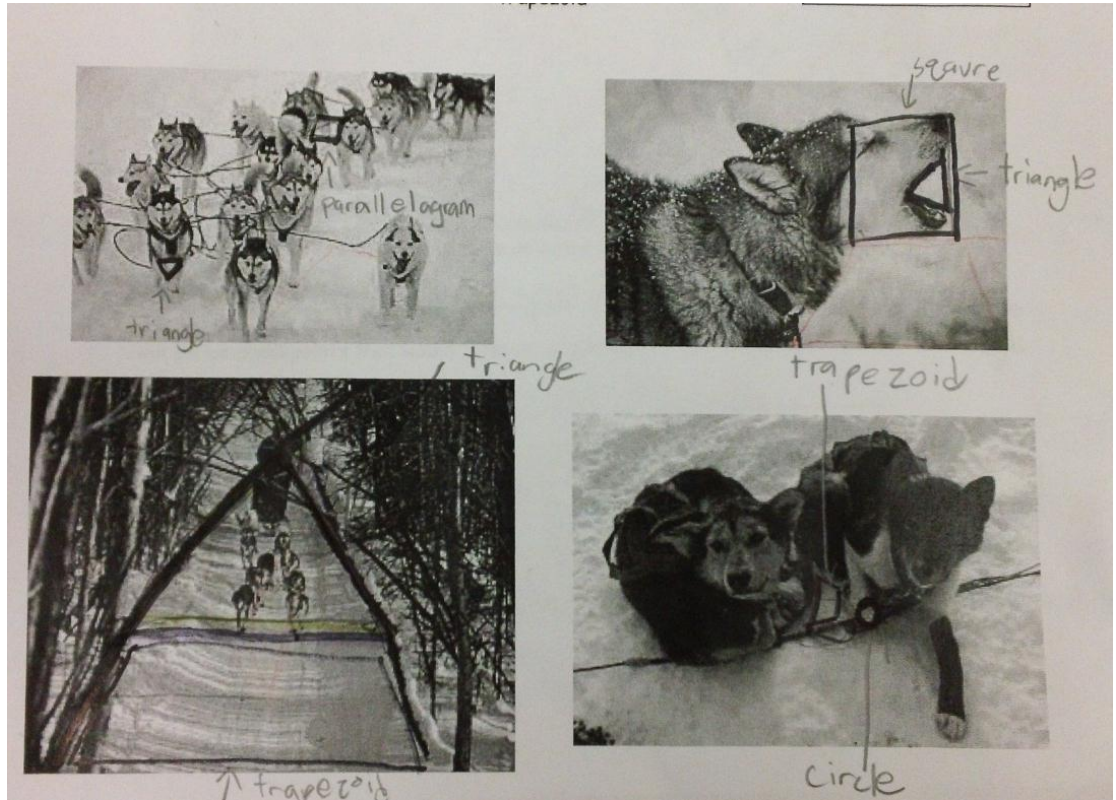


Penny A.



The third part of *Geometry on the Trail* asked you to examine pictures of sled dogs and find shapes in the pictures.

John M.



Luke N.

