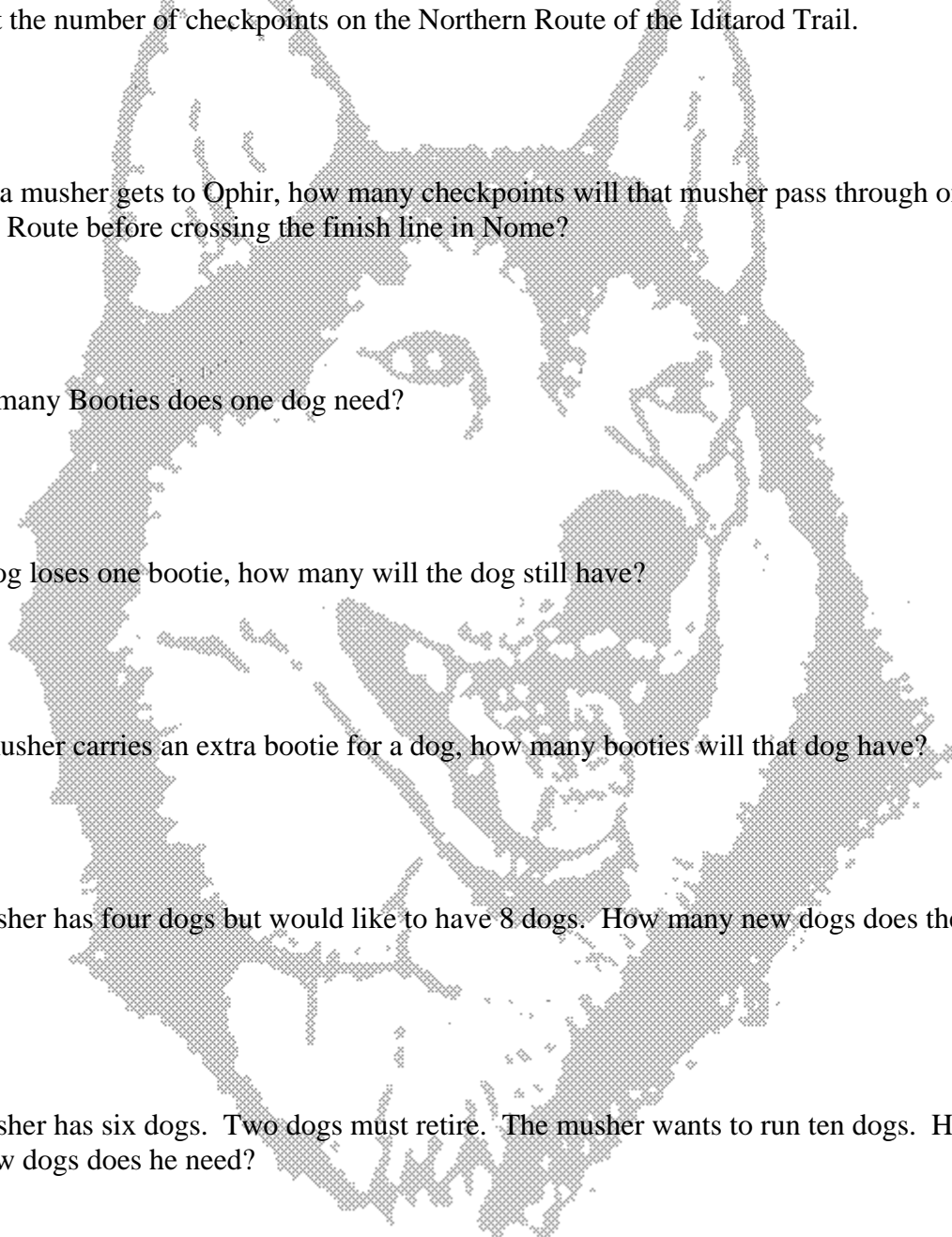


Idita-Math Challenge

Grades K – 2

Directions: Find the answer for each Iditarod problem by counting, adding or subtracting. A map of the Iditarod trail is necessary to answer some questions.

1. Count the number of checkpoints on the Northern Route of the Iditarod Trail.
 2. Once a musher gets to Ophir, how many checkpoints will that musher pass through on the Northern Route before crossing the finish line in Nome?
 3. How many Booties does one dog need?
 4. If a dog loses one bootie, how many will the dog still have?
 5. If a musher carries an extra bootie for a dog, how many booties will that dog have?
 6. A musher has four dogs but would like to have 8 dogs. How many new dogs does the musher need?
 7. A musher has six dogs. Two dogs must retire. The musher wants to run ten dogs. How many new dogs does he need?
 8. A musher has nine dogs and buys nine more dogs. How many dogs does the musher have?
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9. A musher started with **two** dogs. The musher needed more dog power so he/she bought **two** more dogs. The musher thought the team could pull more weight with even more dogs so he/she bought **another** dog. The musher needed better leaders so he/she bought **two** lead dogs. One of the dogs gave birth to **three** puppies. How many dogs does this musher have?

10. There are three litters of summer puppies. One litter has 1 boy and 3 girl puppies. The second litter has 3 boys and 2 girls. The third litter has 4 boys and 3 girls. How many puppies are boys? How many puppies are girls? How many puppies are there?

11. The distance from the tip of the lead dog's nose to the tail of the sled runners where the musher stands, measures 78 feet. If the sled is 12 feet long, what is the distance from the lead dog's nose to the brush bow of the sled?

12. Team Cortte from Wisconsin has 50 dogs and plans to run 2 teams in the Iditarod. The mushers will be Chad and Ron. How many dogs can a team start with? How many total dogs will Chad and Ron be running at the start of the race? How many of Team Cortte's 50 dogs didn't make the Iditarod team?

13. Siberian Huskies are large powerful sled dogs. The lead dog on a Siberian team weighs 65 pounds. Alaskan Huskies are generally smaller faster sled dogs. The lead dog on a team of Alaskan Huskies weighs 47 pounds. What is the difference in weight of the two lead dogs?

14. The distance from Golovin to Nome is 105 miles. The distance from White Mountain to Nome is 77 miles. How far is it from Golovin to White Mountain?

15. The Junior Iditarod begins in Wasilla, goes to Yetna Station and then returns to Wasilla. Wasilla is 49 miles from Anchorage. Yetna Station is 115 miles from Anchorage. How many miles does the Junior Iditarod trail cover?