



Math Unit Guide (Lower Grades)

1. Rebekah has 13 dogs on her team. She has 4 lead dogs that she alternates in the lead. Kayak is 5 years old, Salcha is 5 years old, Sleepy is 1 year old and Bandit is 7 years old. What is their combined total age?

2. Mark decides to run 15 dogs on his 'training run' today. He puts booties on all his dogs feet because the trail is hard and the snow is crusty which is hard on the dog's feet. How many booties did Mark use today?

3. Juno is the daughter of Salcha . Bandit is the daughter of Rags, but Bandit is also the grandmother of Happy who is the daughter of Juno. Rags is the daughter of Dave. Who is the daughter of Bandit?

4. Doug made 5 necklines for his Iditarod Team. They each cost him \$2.37 to make. How much did they cost to make in total?

5. Doug used the 5 necklines that he had made on a 'training run' the next day. When the team was resting on the trail for a few minutes, Doug rearranged the sled. While Doug was working he did not notice that 3 dogs had chewed through their new necklines. Doug had to put different necklines on the dogs. What is the cost of the lost necklines?

6. Rebekah must travel 50 miles with her dog team today. She travels 25 miles at 10 miles per hour, 10 miles at 11 miles per hour and 15 miles at 9 miles per hour. What is her average speed. Hint: Add all the speeds and divide by 3.

7. Will wanted to train his dogs on a clear, cold, starry night. It was -36 degrees Fahrenheit on his favorite trail in the Anchor River Valley. He decided to use the trails in the Caribou Hills, because it was only -14 degrees Fahrenheit there. How many degrees warmer was it in the Caribou Hills?

8. Doug always stops at Sammy's cafe on his way home from a 'training run'. He visits with the other mushers there. Today, the mushers at his table ordered 3 hamburgers for \$5.45 each, 2 coffees for 75 cents a piece and one milk for \$1.00. What was the total cost of their meals?

9. Ben's lead dog, Blondie, has a litter of 7 pups, 4 of the pups have all white feet. Two pups have two brown feet and two white feet each and one pup has 3 black feet and one white foot. How many white feet are there?

10. It's about 100 miles from Anchor Point to Hope. Your team is traveling at 10 miles an hour. After traveling 40 miles, you stop and rest your dogs for 3 hours. Then you continue traveling for 3 hours and then rest your dogs for 4 hours. Now, you continue on to Hope. How many hours did it take you to get from Anchor Point to Hope?

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