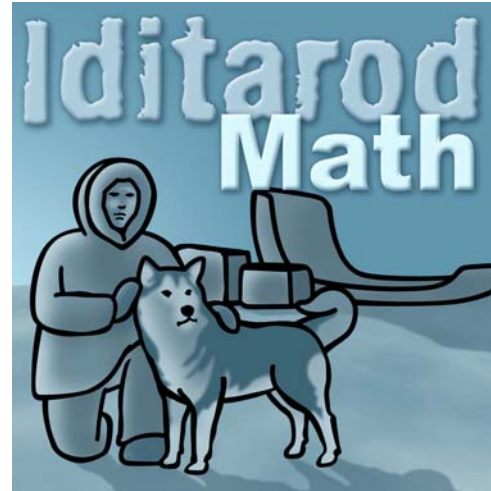Name _____

Iditarod Training

Math skills: multiplication, division

Mushers train all year for the big race each March.
The math problems below reveal some of the
hard work that goes into training a team of dogs.

1. A musher trains 8 dogs each day. A training run usually covers about 15 miles of
    trails. If the musher trains seven days a week, how many miles of trails will that
    musher travel in a week of training runs?

2. Mushers usually train a team of dogs every other day. For example, one team of eight
    dogs will train on Monday, Wednesday, Friday, and Sunday. A second team will train
    on Tuesday, Thursday, Saturday, and the following Monday. In a month of 30 days,
    how many days will a musher train each of the two dog teams?

3. If a musher and her team cover 3 miles of trail each hour, how many hours will it take
    them to complete the 15-mile training run?

4. Each musher must pay a $1750 entry fee to be part of the Iditarod. If 84 mushers
    have entered the race, how much money in entry fees will Iditarod officials collect?

5. If 20 mushers withdraw from the race before race day, how much money will they lose
    altogether? (Note: Mushers do not get their fees back if they withdraw after a set
    date.)