

Name _____ Number _____ Date _____

The Amazing Iditarod Race

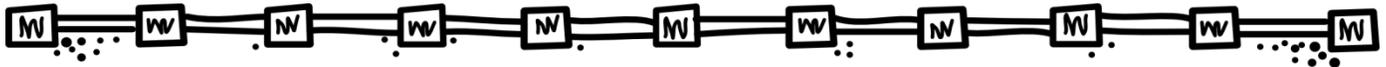


Dividing by One Digit Numbers



Today you are a contestant on The Amazing Iditarod Race—a math mushing reality show that will take you down the Iditarod trail in Alaska! With a partner you will answer math questions. Then in order to keep warm along the trail you will complete the given task for each checkpoint. After completing each checkpoint and given task, you will check in with the teacher. Once all five checkpoints are completed you will take two laps around the classroom. When you are done you have completed the Challenge of The Amazing Iditarod Race!

Work hard, try your best, and have fun!



Willow Lake

$70 \div 7 = \underline{\hspace{2cm}}$

$200 \div 5 = \underline{\hspace{2cm}}$

$800 \div 4 = \underline{\hspace{2cm}}$

Use rounding to estimate each division sentence. Show all work below.

$117 \div 4$

$546 \div 5$

$609 \div 6$



Once you have completed all the math problems all group members must do 20 jumping jacks to help you keep warm at the start of the race.

Teacher Initials _____

Rainy Pass

Find the number of groups and the number left over. Draw pictures to help you.

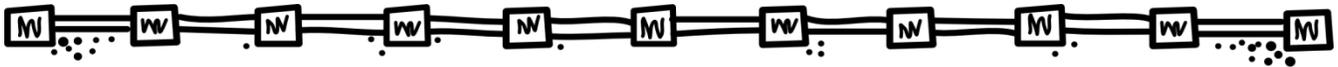
$18 \div 4 = \underline{\quad\quad\quad} \text{ with } \underline{\quad\quad\quad} \text{ left over}$

$32 \div 9 = \underline{\quad\quad\quad} \text{ with } \underline{\quad\quad\quad} \text{ left over}$



Once you have completed all the math problems all group members must do 10 push-ups.

Teacher Initials _____



Ophir

Solve using any method you choose.

$72 \div 3$

$75 \div 5$



Once you have completed all the math problems all group members must do 10 lunges.

Teacher Initials _____

Eagle Island

Divide using the standard algorithm.

$8 \overline{)417}$

$6 \overline{)96}$

$7 \overline{)88}$

Once you have completed all the math problems all group members must do high knees for 30 seconds.



Teacher Initials _____



Koyuk

Divide using the standard algorithm.

$8 \overline{)8,772}$

$9 \overline{)1,745}$



Once you have completed all the math problems all group members must run in place for 30 seconds.

Teacher Initials _____

NOME

The distance between McGrath and Anvik is about 200 miles. One of the photographers wants to show machine between those two checkpoints. If he wants to arrive in 5 hours, how many miles does he need to cover each mile? Show all your work.



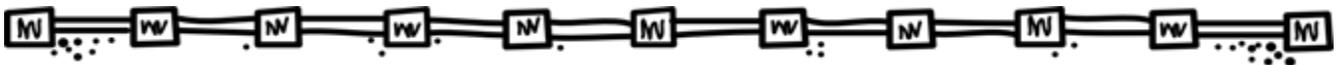
Once you have completed the math problem all group members must do a victory dance for 30 seconds because you've reached Nome.

Teacher Initials _____



Now you're in the home stretch!

Take two laps around the room (being very careful, of course) to finish The Amazing Iditarod Race! Once you have finished write your name on the board and sit quietly at your desk.



Challenge

If you finish early, try out this challenge problem!

It cost \$7,892 for 5 friends to attend the start of the Iditarod. If they divided the cost equally, how much did the trip cost each friend?



Credits:

