

GOOD YEAR BOOKS

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GOOD YEAR BOOKS

MATH CHALLENGE

190

Fun and Creative
Problems for Kids

LEVEL 2



James Riley, Ph.D., Marge Eberts, Ed.S.,
and Peggy Gisler, Ed.S.

 GOOD YEAR BOOKS

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Printed in the United States of America.

ISBN-13: 978-1-59647-303-4
Previous ISBN-13: 978-1-59647-026-2

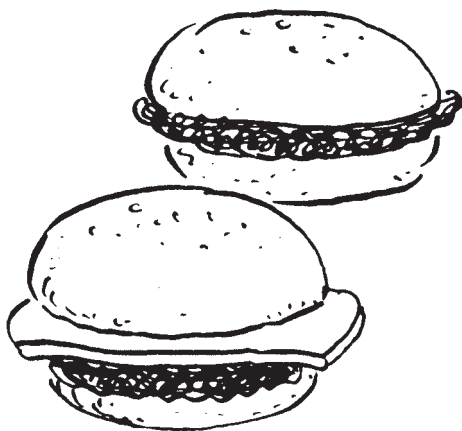
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Design: Daniel Miedaner



Fact!

A double cheeseburger has 25 grams of fat, while a hamburger has 10 grams of fat. A gram of fat is equal to 9 calories.

If you choose to eat a double cheeseburger instead of a hamburger, how many more calories of fat will you be eating?



135 calories

Weird!

Rosie the Ribeteer holds the record for longest leap for a bullfrog. She jumped 21 feet $5\frac{3}{4}$ inches.

If Rosie made practice jumps of 20, 16, and 12 feet, what was the average length of her practice jumps?

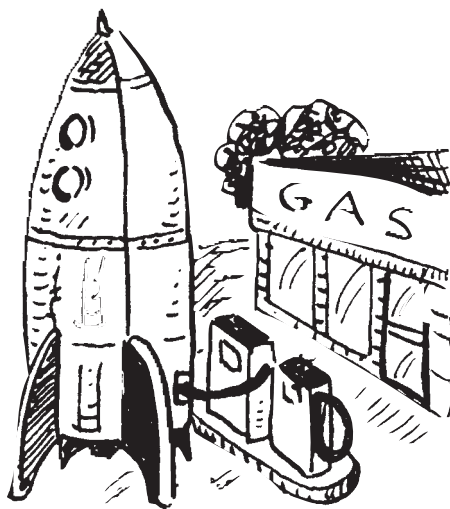


16 feet

Fact!

Alan Shepard was the first American in space. The rocket that carried him into space used up 1 gallon of fuel for every 60 feet of height it gained.

Could the rocket have gone 1 mile on 88 gallons of fuel?

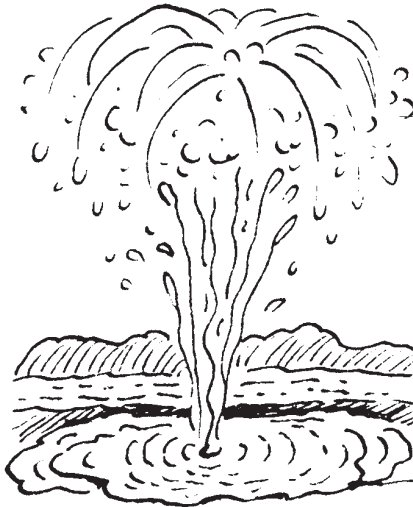


yes, exactly 1 mile

Neat!

About every 74 minutes, Old Faithful in Yellowstone National Park blows thousands of gallons of water from 100 to 180 feet into the air.

What is the average height of water that Old Faithful blows into the air?



140 feet

Really?

The amount of food Tyrannosaurus rex ate in 1 bite is equal to the amount a family of 4 would eat in a month. The average cost for that much food is \$463.

How much would it cost to feed Tyrannosaurus rex 3 bites of food?



\$1,389

Listen!

Phillis Wheatley came to America on a slave ship when she was 8. She became a famous poet and was first published in 1773.

If Phillis was born in 1753, in what year was she brought to America?

How old was she in 1773?



1761, 20 years old