Homework Week 3 Wednesday

Reading Homework

Burrs and Velcro

Adapated from: Readworks.org

Have you ever seen Velcro before? Chances are you have! It can be found on a range of different things, from clothing to NASA space equipment. Velcro is often used in place of a zipper. Just like zippers, Velcro was first designed to fasten clothing together.

Photo Credit: Zephyris, CC BY-SA 3.0

Photograph of a bur

How was Velcro first invented? Velcro was inspired by burrs, which are seeds covered in hooks. When George de Mestral, the inventor of Velcro, was hiking with his dog, he noticed that his dog was covered in the spiky seeds. The seeds had attached to tiny loops in the dog's fur. De Mestral studied the burr and the fur under a microscope. He soon realized he could adapt this hook-loop design into an adhesive tool. Years of testing led to the invention of Velcro. Velcro is made up of two strips of fabric. One strip is made up of hooks, and the other is made of loops.

LIVEWORKSHEETS

Photo Credit: liz west, CC BY 2.0

Photograph of burrs

From its invention in 1941 to present day, Velcro has turned into a material with many different and varied uses. Velcro has many uses in homes, including holding picture frames up and keeping rugs in place. Velcro is also used in hospitals to keep patients fastened during surgery.

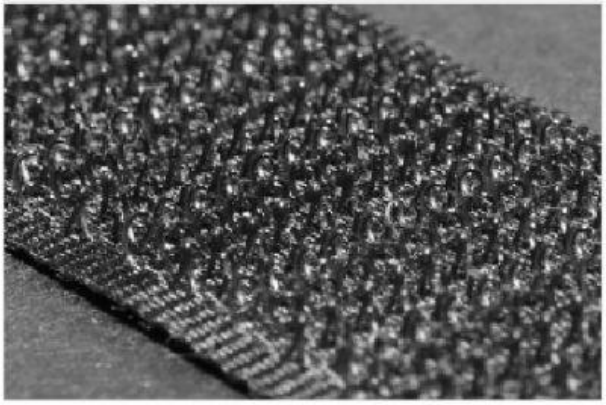

Photo Credit: Alexander Klink, CC BY 3.0

Close-up photograph of velcro hooks

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1. According to the text, how is Velcro a helpful invention?

A. Velcro is important for building things with wood, such as homes, large furniture, and picnic benches.
B. Velcro is a big part of space travel because it fuels rockets and keeps astronauts safe in outer space.
C. Velcro is widely used for keeping clothing in place, holding up picture frames, and keeping patients safe during surgery.
D. Velcro is critical for animal safety on hiking trails because it helps pets stay

2 . What is the main idea of this text?

A. Velcro is a useful adhesive made from hooks and loops that was inspired by burrs on a dog's fur.
B. Velcro is a useful adhesive made from hooks and loops that prevents people from slipping on smooth floors.
C. Velcro is a useful adhesive made from a white liquid that was inspired by tree sap on a shoe.
D. Velcro is a useful adhesive made from white liquid that was made to support astronauts

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Writing Homework

Use the correct punctuation below.

1. Where did your dog go_____
2. I am going to the store _____
3. I just won a million dollars_____
4. What did you do with your homework_____

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Math Homework:

1. Which statements are true?

284,570 < 284,057	284,705 > 284,570
273,075 < 264,750	284,057 = 284,507

2. Which of the following makes the statement true?

_____ > 1,968,312

a. 1,968,321

b. 1,968,238

c. 1,968,132

d. 1,968,231

3. Order the whole numbers from greatest to least .

Least

Greatest

1,860,385
1,860,835
1,860,538
1,860,853

LIVEWORKSHEETS

Virginia Studies Homework:

Answer the following question.

1. What state do you live in?

    a. North Carolina
    b. Maryland
    c. Virginia
    d. West Virginia

Science Homework:

Answer the following questions, please be sure to use capitalization and ending punctuation correctly.

a) What do you know about plants and animals? b) What do you know about photosynthesis?

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