



ACTIVITY 3

It All Adds Up



REPRODUCIBLE MASTER

The Blue Jeans Go Green™ program has helped protect our environment. Since 2006, it has kept about 2,290 tons of denim from being thrown away and buried in landfills. But about how many pairs of jeans is that?

Part 1: To find out, first count the number of letters in the word GREEN. Write that number in the box after "Nearly." Then finish your answer by using the alphabet key to write the correct letter on each of the following blank spaces.

Nearly pairs of jeans have been recycled!
13 9 12 12 9 15 14



Alphabet Key

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

Part 2: After it is cleaned at the gin, cotton fiber is pressed into huge bales. Each bale of cotton fiber can be made into 215 pairs of jeans. How many pairs of jeans can be made from two bales of cotton?

Write an equation and solve it: _____

Part 3: The average American owns 6 pairs of jeans. If each person in your household has 6 pairs of jeans, how many pairs of jeans are probably in your household? On the back of this sheet, draw an array or use groups to help you solve this problem.

There are probably _____ pairs of jeans in my household.

Now count up all the pairs of jeans your family has at home and find the average. How close are you to the average (6 pairs of jeans)?



Families! Not only can denim be recycled, but with a little creativity and imagination, it can be repurposed into something new and fun! Looking for ideas? Watch the video titled "Sustainable Fashion Essentials" at bluejeansgogreen.org/recycle-denim and see what you can make out of your old favorite pair of jeans or other denim clothing!