

The Catalog Canceling Challenge Park School November Results

“We canceled 4,175 Catalogs! A 31 foot tall pile!”



<i>Grade</i>	<i>Pile if Stacked in All</i>	<i>Piles of 25 (Tallies)</i>	<i>Catalogs Canceled (Tallies X 25)</i>	<i>Pounds of Catalogs Canceled ****</i>	<i>Trees Saved* (If each canceled catalog doesn't show up 4 times)</i>	<i>Gallons of Water Saved** (If each canceled catalog doesn't show up 4 times)</i>	<i>Energy Saved*** (Equivalent number of cars taken off the road)</i>	<i>Number of Students</i>	<i>Catalogs Canceled per Student</i>	<i>Pounds Canceled per Student</i>
3rd	13 feet	68	1,700	467	19	10,200	1	50	34	9.3
4th	11 feet	58	1,450	386	16	8,700	0.9	48	30.2	8
5th	7 feet	41	1,025	264	12	6,150	0.6	48	21.4	5.5
<u>Totals</u>	31 feet	167 tallies	4,175 catalogs	1,117 pounds	47 trees	25,050 gallons	2.5 cars	146 students	28.6	7.7

Much of the math above is based on the statistics found at CatalogChoice.org

* 358 catalogs come from one tree (producing 19B catalogs comes from 53M trees per year in USA).

** It takes 1.5 gallons of water to make each catalog (producing 19B catalogs uses 28 billion gallons of water per year in USA).

*** The emissions of 1 car per year = the production of 6,800 catalogs (producing 19B catalogs uses the annual energy equivalent of 2.8M cars).

**** To find out how many pounds of CO2 emissions are saved, you multiply each pound of catalog paper by 1.44. We will have saved 6,434 pounds of CO2 from going into the atmosphere (if you figure each catalog doesn't show up four times).

Name _____

Catalog Results Math Sheet!

You kids were amazing! Do this math to see just how amazing you were!

*Directions: Fill in the empty boxes below. Find out how many catalogs our school canceled!
How many pounds do you think we cancelled?*

<i>Grade</i>	<i>Pile if Stacked in All</i>	<i>Piles of 25 counted in tallies</i>	<i>Catalogs Canceled (Tallies X 25)</i>	<i>Pounds Canceled</i>
3rd	13 feet	68		467
4th	11 feet	58		386
5th	7 feet	41		264
Totals				

Bonus challenge:

How many catalogs per student?

How many pounds of catalogs per student?

Is there a way to figure out how many trees we might save?