Finding the Balance Point

Instructions: Draw a number line on the board from 0 to 12, leaving about an inch between the numbers. Write the prices of each of the toys below, individually, on a sticky note. Take a marker and draw a dot on the line of where you think the mean might be. You are going to determine the actual mean, without computation, by moving the sticky notes in toward the “center.” For each move of a sticky note one space to the left, a different sticky must be moved one space to the right. Eventually, all of the stickies should be stacked above the same number, which will be your balance point or mean.

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| The Hunger Games Trilogy: $2.13 | [http://t2.gstatic.com/images?q=tbn:ANd9GcSw2DvAU7PJgIi7sxtoM_grsOtSJ1QLicWFex3uTl4K-ikB9LJh](http://www.google.com/imgres?q=the+hunger+games&hl=en&biw=1045&bih=529&gbv=2&tbm=isch&tbnid=d-Bm8JlE2ppTzM:&imgrefurl=http://en.wikipedia.org/wiki/The_Hunger_Games&docid=ocUOPeAscnY8oM&imgurl=http://upload.wikimedia.org/wikipedia/en/thumb/a/ab/Hunger_games.jpg/200px-Hunger_games.jpg&w=200&h=302&ei=GOfYTtL1IYKWtwf40pztAQ&zoom=1&iact=hc&vpx=109&vpy=169&dur=222&hovh=241&hovw=160&tx=108&ty=91&sig=104964967690572917314&page=1&tbnh=148&tbnw=98&start=0&ndsp=11&ved=1t:429,r:0,s:0) |
| iPod Touch: $7.61 | [http://t2.gstatic.com/images?q=tbn:ANd9GcTgUFxkVDn8I7Lvx20PY5WFZHl9CZvrZNuJ7-8_WmxobwbDgeRK-Q](http://www.google.com/imgres?q=ipod+touch&hl=en&gbv=2&biw=1045&bih=529&tbm=isch&tbnid=9WeaXY9E9awU0M:&imgrefurl=http://www.amazon.com/Apple-Generation-without-iPhone-Software-Previous/dp/B001FA1NZK&docid=sBbIp6Ta_D4hVM&imgurl=https://images-na.ssl-images-amazon.com/images/G/01/electronics/detail-page/B001FA1NZK-1.jpg&w=800&h=769&ei=R-fYTqHBO9C9tgf9k93sAQ&zoom=1&iact=hc&vpx=67&vpy=130&dur=600&hovh=220&hovw=229&tx=127&ty=104&sig=104964967690572917314&page=1&tbnh=85&tbnw=83&start=0&ndsp=16&ved=1t:429,r:0,s:0) |
| iPod Nano: $6.61 | [http://t2.gstatic.com/images?q=tbn:ANd9GcQOSvITsgIekEejYQ8_EaK16HMK901h_SQiwU9-dM8RjxVGWht5](http://www.google.com/imgres?q=ipod+nano&num=10&hl=en&gbv=2&biw=1045&bih=529&tbm=isch&tbnid=2u36zWymKKFlJM:&imgrefurl=http://www.amazon.com/Apple-iPod-Generation-Previous-Model/dp/B001FA1ND2&docid=pC3Ee0PTO1UZ0M&imgurl=http://images.amazon.com/images/G/01/electronics/detail-page/nano-group.jpg&w=764&h=450&ei=kefYTvWyDcqItwfD2tHsAQ&zoom=1&iact=hc&vpx=55&vpy=226&dur=594&hovh=172&hovw=293&tx=160&ty=72&sig=104964967690572917314&sqi=2&page=1&tbnh=72&tbnw=123&start=0&ndsp=16&ved=1t:429,r:8,s:0) |
| Xbox Kinect: $11.75 | [http://t3.gstatic.com/images?q=tbn:ANd9GcQ3XGqMwaLrrMZCJtjykAoODGZEoYkiXS9fOD0P6BSb-7X0KC0BAw](http://www.google.com/imgres?q=xbox+kinect&num=10&hl=en&gbv=2&biw=1045&bih=529&tbm=isch&tbnid=axvX7wXFesPC8M:&imgrefurl=http://blogs.babble.com/famecrawler/2010/10/27/what-is-the-xbox-kinect-and-why-will-kids-want-it/&docid=jSypZiX8mjiajM&imgurl=http://cdn.babble.com/famecrawler/files/2010/10/xbox-kinect-bundle.jpg&w=600&h=475&ei=tufYTsDZCJSztweH6oDsAQ&zoom=1&iact=hc&vpx=757&vpy=156&dur=857&hovh=200&hovw=252&tx=125&ty=100&sig=104964967690572917314&sqi=2&page=1&tbnh=106&tbnw=134&start=0&ndsp=10&ved=1t:429,r:4,s:0) |
| Ninetindo Wii: $9.05 | [http://t2.gstatic.com/images?q=tbn:ANd9GcRT114RfGpgb_1ovXwpVmzqRlvC2ZkZYKuT2WvmodLpxcNK7YmU](http://www.google.com/imgres?q=nintendo+wii&hl=en&gbv=2&biw=1045&bih=529&tbm=isch&tbnid=M5VWhwDMQ-EnPM:&imgrefurl=http://reviews.cnet.com/consoles/nintendo-wii-original-wii/4505-10109_7-31355104.html&docid=eEei7h4NYVGk9M&imgurl=http://reviews.cnet.com/sc/31355104-2-440-overview-1.gif&w=440&h=330&ei=2efYTsSyGtG2twfFurTtAQ&zoom=1&iact=hc&vpx=255&vpy=98&dur=655&hovh=194&hovw=259&tx=113&ty=113&sig=104964967690572917314&page=1&tbnh=139&tbnw=185&start=0&ndsp=10&ved=1t:429,r:1,s:0) |
| Nike Shox: $4.15 | [http://t3.gstatic.com/images?q=tbn:ANd9GcTc9iX64Ey3NeyKjqlElvmfM3ZxXA9TxT8jAMBqnC9WO8zrQw0Z8g](http://www.google.com/imgres?q=nike+shox&hl=en&gbv=2&biw=1045&bih=529&tbm=isch&tbnid=0Ajfx5ZCI4C7DM:&imgrefurl=http://www.shoxnz.com/nike-shox-r4-c-9.html&docid=iIpoBklq4a5JSM&imgurl=http://www.shoxnz.com/images/nike-sr/nike-shox-r4-64.jpg&w=640&h=480&ei=5-fYTuaDBMa3twfBuaTtAQ&zoom=1&iact=hc&vpx=120&vpy=117&dur=381&hovh=141&hovw=188&tx=120&ty=92&sig=104964967690572917314&page=3&tbnh=141&tbnw=188&start=22&ndsp=8&ved=1t:429,r:4,s:22) |