

Bicycle

Thirteen year old Jesse has decided that he needs to purchase a new bike so he can get to all of his activities over summer vacation. His parents agree that he will be more independent over the summer if he has a bike, resulting in his parents not having to take time off from work to drive him to activities.

Jesse would like to purchase a bike that will be reliable and last him several years as he plans to use the same bike for the next several years until he is old enough to drive. He would like the bike to be durable so it doesn't need to be replaced in a few years. Jesse would like to purchase the bike in town to support the local economy and for ease in securing replacement parts and service.

Jesse has saved \$200 for the bike. His parents have agreed to give him \$100 to put towards the purchase of the bike since having a bike will mean less driving for them. If needed, Jesse could pull a few extra dollars from his savings account to cover the purchase price of the bike.

Which bike is the best choice for Jesse?

Criteria:

- Reliable/durable
- Purchase in town
- Budget of approximately \$300

Bicycle
County Fair Display
Summer 2003

#1
K2 2002 Attack 3.0 Bicycle
\$325.00
Available at local bike shop on main street

Description:

The Attack 3.0 might cost less than most other full suspension bikes, but thanks to its Noleen rear shock and RockShox Judy XC suspension fork, as well as the lightweight & reliable aluminum frame, it performs far beyond what the price might suggest! An offroad-quality component kit includes everything you need for reliable rides through real trail conditions, with quality branded components from WTB, TruVativ, and Shimano!



Bicycle
County Fair Display
Summer 2003

#2

Schwinn Super Sport

\$499.99

Available at local bike shop on main street

Features:

- Schwinn Custom Drawn N'Litened Gold Label TIG welded Aluminum Tubing w/ Schwinn Flat-Bar Sport Geometry, Canti Brake Mounts & Forged Dropouts
- Schwinn Reflex AL-T TIG Welded Aluminum Fork w/ 1 1/8" Cr-Mo Steerer, Canti Brake Mounts & Low-Rider Rack Mounts
- New Shimano RD-2200 24-Spd Drivetrain; Sugino Forged Alloy Triple Crankset
- ProMax Mini-V Linear Pull Brakes
- Alex Double-Walled, Machined Rims w/ Formula Sealed Hubs; Alloy Suspension Seatpost
- Colors: Midnight Blue
- Sizes: XS,S,M,L,XL



Bicycle
County Fair Display
Summer 2003

#3

Specialized 2003 Expedition

\$269.00 + shipping

Available online at SuperGo Bike Shops

Description

- **Specialized comfort Cr-Mo frame with great stand over height.**
- **SR easy tracking alloy suspension fork with 60mm travel.**
- **Specialized sculpted forged alloy stem and alloy 80mm rise handlebars.**
- **Shimano Altus 21-speed drive train. Specialized total comfort spring saddle with lycra top.**

Free \$85 Value Web Pack

(helmet, floor pump & portable mini tool) with purchase



Bicycle
County Fair Display
Summer 2003

#4

Huffy Hermosa 26-inch Cruiser Bike
\$107.64
Available at Walmart (located in his small town)

This bicycle from Huffy is excellent for getting light and refreshing exercise. It features a stylish red and black frame and chrome fenders.

Key Features:

- **Age Range:** Adult (14 years and up)
- **Wheel Size:** 26 inches
- Oversize spring comfort saddle seat
- 6-speed grip shift
- Easy-to-adjust seat height
- Lightweight aluminum wheels
- Front and rear reflectors for safety
- Front and rear caliper hand brakes
- Lifetime warranty on frame and fork
- Meets or exceeds all CPSC (US Consumer Product Safety Commission) regulations
- **26-inch rim size**
- **Warranty Length:** 6 months
- **Supplier Warranty:** Lifetime frame and fork warranty, 6 month parts and labor warranty

Brands You Trust: Huffy Bikes

Huffy has been making quality bikes since 1892. They are renowned for building quality bikes that last, at a price you can afford. Isn't it time you owned a Huffy?



Bicycle

Placing 1-3-2-4 Cuts 2-1-4

I place this class of bicycles 1-3-2-4.

In the top pair I place 1 over 3 because it most closely meets all of Jesse's criteria. Bike 1 appears to be very durable, is available on main street where he can support the local economy and receive good service, and is just slightly over his budget of \$300. Granted, 2 is slightly less expensive, but when the shipping costs are figured in it will be more expensive.

In the middle pair I place 3 over 2 in a close pair because 3 more closely fits Jesse's budget. Granted, 2 is available locally, but I fault it and leave it at the bottom of this pair because it far exceeds his budget.

In the bottom pair I place 2 over 4 because 2 appears to be more durable and will most likely last several years. Granted, 4 is also available locally and comes in well under Jesse's budget. However, I fault 4 and leave it at the bottom of the class because it indicates it is for "getting light and refreshing exercise, indicating it may not be as durable as Jesse needs, which would result in having to replace the bike sooner than he would like.

For these reasons I place this class of bicycles 1-3-2-4.

1234 - 49
1243 - 45
1324 - 50
1342 - 47
1423 - 42
<u>1432 - 43</u>
2134 - 46
2143 - 42
2314 - 44
2341 - 38
2413 - 36
<u>2431 - 34</u>
3124 - 48
3142 - 45
3214 - 45
3241 - 39
3412 - 39
<u>3421 - 36</u>
4123 - 36
4132 - 37
4213 - 33
4231 - 31
4312 - 35
4321 - 32