





**Class # 1**  
**Junior/Intermediate**  
**Athletic Shoes**

Nathan is getting ready for another baseball season. He is going shopping with his dad later and has \$85 to spend. They always play on real grass, not artificial turf, and their coach prefers rubber cleats over metal. What would be the best choice for Nathan?

<p><b>#1</b></p> 	<p><b>#2</b></p> 	<p><b>#3</b></p> 	<p><b>#4</b></p> 
<p><b>Adidas X Lacrosse Turf Cleats</b></p>	<p><b>UA Glyde RM</b></p>	<p><b>Nike Air Hyper-diamond Pro 2 Cleat</b></p>	<p><b>MIZUNO FRANCHISE 7- 9 Spike Cleat</b></p>
<p style="text-align: center;">\$39.99</p>	<p style="text-align: center;">\$89.99</p>	<p style="text-align: center;">\$74.99</p>	<p style="text-align: center;">\$79.99</p>
<ul style="list-style-type: none"> <li>– Lightweight synthetic upper</li> <li>– Rubber outsole with traction pattern for speed and control</li> <li>– Rubber Spike Turf cleats</li> </ul>	<ul style="list-style-type: none"> <li>– Engineered synthetic upper with subtle tonal graphics provide superior durability &amp; lightweight support on the diamond</li> <li>– Rubber molded cleats offer elite comfort and traction</li> </ul>	<ul style="list-style-type: none"> <li>– Low cut synthetic leather upper ensures a superior fit</li> <li>– Metal nine spike layout provides unmatched comfort, grip and speed</li> <li>– TPU drag cap adds extra durability and toedrag protection extending the life of your cleat</li> </ul>	<ul style="list-style-type: none"> <li>– Synthetic leather upper with overlays throughout for lightweight durability and support.</li> <li>– Solid rubber outsole featuring fastflex technology.</li> <li>– Rubber nine spike layout</li> </ul>





## Class #2 Junior/Intermediate Digital Cameras

Julie wants to purchase a digital camera that is under \$100.00. She would like the camera to have a high optical zoom and have multiple scene mode settings so she can take pictures for her 4-H Photography project. Which would be the best choice for Julie?

#1 	#2 	#3 	#4 
<b>Nikon Silver COOLPIX L31</b>	<b>Cyber-shot Digital Camera WX10</b>	<b>Kodak Silver FZ51-SL</b>	<b>Kodak EasyShare Mini M200 10MP</b>
<b>\$79.99</b>	<b>\$99.99</b>	<b>\$89.99</b>	<b>\$65.00</b>
<ul style="list-style-type: none"> <li>• 16 megapixel resolution with high-quality still images and video recording</li> <li>• 15 Scene Modes Retouch effects, Pet Portrait mode</li> <li>• NIKKOR zoom lens with 9x optical zoom</li> <li>• 720p HD movie recording</li> <li>• Image Stabilization</li> <li>• 2.7" QVGA LCD screen               <ul style="list-style-type: none"> <li>• Featuring easy-to-use navigation</li> </ul> </li> <li>• Built-in flash</li> </ul>	<ul style="list-style-type: none"> <li>• 14-megapixel resolution</li> <li>• 7x optical zoom</li> <li>• 2.8" LCD screen,</li> <li>• Full HD 1080/60i video</li> <li>• "Exmor R" CMOS sensor,</li> <li>• Background defocus, manual control</li> <li>• 3D Sweep Panorama</li> <li>• 10 scene modes</li> </ul>	<ul style="list-style-type: none"> <li>• 16.15 megapixel resolution</li> <li>• 12 scene modes</li> <li>• Zoom Lens 5X optical</li> <li>• Optical Image Stabilization</li> <li>• Blink detection</li> <li>• 2.7" TFT LCD screen with image editing features</li> </ul>	<ul style="list-style-type: none"> <li>• 10 megapixel resolution</li> <li>• 4 scene modes</li> <li>• Kodak 29-87mm zoom lens               <ul style="list-style-type: none"> <li>• Features a 3x optical zoom</li> </ul> </li> <li>• AVI movie file format               <ul style="list-style-type: none"> <li>• Record movies with VGA quality on this compact camera</li> </ul> </li> <li>• 2.5" LCD display</li> <li>• Kodak Share button</li> </ul>

## Class #3 Junior/Intermediate Outdoor Equipment - Stoves

Jason is going camping with his brother during spring break for 5 days. They will be hiking and backpacking through a beautiful Texas state park. He needs a quick, efficient camping stove to take on his trip, and he has \$150 to spend. Which stove is the best option for Jason?

<p><b>#1</b></p> 	<p><b>#2</b></p> 	<p><b>#3</b></p> 	<p><b>#4</b></p> 
<p><b>Camp Chef Rainier Two-Burner Stove With Griddle</b></p>	<p><b>MSR® MicroRocket™ Backpacking Stove</b></p>	<p><b>Camp Chef® Stryker IsoButane Backpacking Stove</b></p>	<p><b>Emberlit Stainless Steel Camp Stove</b></p>
<p><b>\$138.00</b></p>	<p><b>\$79.99</b></p>	<p><b>\$59.99</b></p>	<p><b>\$44.99</b></p>
<ul style="list-style-type: none"> <li>– Weight: 16 lbs</li> <li>– Fuel Type: Liquid</li> <li>– Other features:</li> <li>– Matchless ignition</li> <li>– An included nonstick aluminum griddle means less gear to pack with you</li> <li>– Three-sided windscreen locks lid and sides together to block wind and reflect heat back at food</li> <li>– Built-in carry handle for convenient transportation</li> </ul>	<ul style="list-style-type: none"> <li>– Weight: 16.1 ounces</li> <li>– Fuel Type: Liquid</li> <li>– Other features:</li> <li>– features quick priming burner, self-purging aluminum pump and built-in magnetic cleaning needle.</li> <li>– Packs down compactly for easy transport.</li> <li>– Includes burner, pump, windshield, wear parts, lubricant and stuff bag. Fuel canisters sold separately.</li> </ul>	<ul style="list-style-type: none"> <li>– Weight: 8.3 ounces</li> <li>– Fuel Type: Liquid</li> <li>– Other features:</li> <li>– Matchless ignition and protective design shields flames from the wind</li> <li>– Constructed of lightweight, hard anodized aluminum</li> <li>– Includes stove, pot, fuel tank stabilizer, lid and carry bag</li> </ul>	<ul style="list-style-type: none"> <li>– Weight: 11.3 ounces</li> <li>– Fuel Type: Wood</li> <li>– Other features:</li> <li>– Lightweight and corrosion resistant stainless steel construction</li> <li>– Eliminates the need to carry fuel</li> <li>– Packs flat and assembles in seconds</li> </ul>

\*\*\*REASONS\*\*\*

\*\*\*REASONS\*\*\*

\*\*\*REASONS\*\*\*

Class #4

Junior/Intermediate Outdoor Backpacks

Joe and Veronica love the outdoors and hiking. They are planning on going on a weekend (3 day, 2 night) trip and need to find the perfect backpack for their adventure. Their trip will take place in May. They are looking for a lightweight backpack with plenty of room to hold their necessities (water, tools, etc.). Joe and Veronica will both be wearing the backpack. Joe’s waist is 42 in. and Veronica is 30 in. They are looking to spend less than \$200.

<p>#1</p> 	<p>#2</p> 	<p>#3</p> 	<p>#4</p> 
<p><b>Gregory Denali 97 Pack</b></p>	<p><b>REI Flash 50 Pack</b></p>	<p><b>REI Flash 45 Pack</b></p>	<p><b>Osprey Atmos 65 AG Pack</b></p>
<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: No</li> <li>• Gear Capacity: 97 liters/5,919 cubic inches</li> <li>• Weight: 6 lbs. 4 oz.</li> <li>• Fits torso: 18-20 in.</li> <li>• Fits waist/hips: 26-33</li> <li>• Material: Nylon</li> <li>• Number of exterior pockets: 5 + main compartment</li> </ul>	<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: Yes</li> <li>• Gear Capacity: 50 liters/3,051 cubic inches</li> <li>• Weight: 2 lbs. 3 oz.</li> <li>• Fits torso: 18-20 in.</li> <li>• Fits waist/hips: 30-46 in.</li> <li>• Material: Nylon</li> <li>• Number of exterior pockets: 7 + main compartment</li> </ul>	<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: Yes</li> <li>• Gear Capacity: 45 liters/2,746 cubic inches</li> <li>• Weight: 2 lbs. 12 oz.</li> <li>• Fits torso: 15-17 in.</li> <li>• Fits waist/hips: 26-42 in.</li> <li>• Material: Ripstop Nylon</li> <li>• Number of exterior pockets: 3 + main compartment</li> </ul>	<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: No</li> <li>• Gear Capacity: 65 liters/3,967 cubic inches</li> <li>• Weight: 4 lbs. 3 oz.</li> <li>• Fits torso: 18-21 in.</li> <li>• Fits waist/hips: 24-45 in.</li> <li>• Material: Nylon</li> <li>• Number of exterior pockets: 11</li> </ul>
<p><b>Price: \$99.99</b></p>	<p><b>Price: \$159.99</b></p>	<p><b>Price: \$129.99</b></p>	<p><b>Price: \$259.95</b></p>

# Class #5

## Junior/Intermediate

### Nutritious Snacks

Jan will be attending her first basketball camp this summer and needs lots of energy. She is looking for a healthy snack that is low in fat and high in protein. Which option is the healthiest option for Jan?

#1	#2	#3	#4																																																																																						
<b>McDonald's Medium French Fry</b>	<b>Extra Cheesy Pizza Lunchables</b>	<b>Grilled Cheese Crackers</b>	<b>Chobani Greek Yogurt</b>																																																																																						
																																																																																									
<p><b>Nutrition Facts</b></p> <p>Serving Size 1 medium (117g)</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 171 <b>Calories 380</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Total Fat 22g</td> <td style="text-align: right;">29%</td> </tr> <tr> <td>Saturated Fat 2.5g</td> <td style="text-align: right;">13%</td> </tr> <tr> <td>Trans Fat 0g</td> <td></td> </tr> <tr> <td>Cholesterol 0mg</td> <td style="text-align: right;">0%</td> </tr> <tr> <td>Sodium 270mg</td> <td style="text-align: right;">11%</td> </tr> <tr> <td><b>Total Carbohydrate 48g</b></td> <td style="text-align: right;"><b>16%</b></td> </tr> <tr> <td>Dietary Fiber 5g</td> <td style="text-align: right;">20%</td> </tr> <tr> <td>Sugars 0g</td> <td></td> </tr> <tr> <td><b>Protein 3g</b></td> <td></td> </tr> <tr> <td>Vitamin A 0%      Vitamin C 15%</td> <td></td> </tr> <tr> <td>Calcium 2%      Iron 6%</td> <td></td> </tr> </table>	Total Fat 22g	29%	Saturated Fat 2.5g	13%	Trans Fat 0g		Cholesterol 0mg	0%	Sodium 270mg	11%	<b>Total Carbohydrate 48g</b>	<b>16%</b>	Dietary Fiber 5g	20%	Sugars 0g		<b>Protein 3g</b>		Vitamin A 0%      Vitamin C 15%		Calcium 2%      Iron 6%		<p><b>Nutrition Facts</b></p> <p>Serving Size 1 package</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 80 <b>Calories 270</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Total Fat 9g</td> <td style="text-align: right;">14%</td> </tr> <tr> <td>Saturated Fat 4.5g</td> <td style="text-align: right;">22%</td> </tr> <tr> <td>Trans Fat 0g</td> <td></td> </tr> <tr> <td>Cholesterol 25mg</td> <td style="text-align: right;">8%</td> </tr> <tr> <td>Sodium 570mg</td> <td style="text-align: right;">24%</td> </tr> <tr> <td><b>Total Carbohydrate 30g</b></td> <td style="text-align: right;"><b>10%</b></td> </tr> <tr> <td>Dietary Fiber 3g</td> <td style="text-align: right;">12%</td> </tr> <tr> <td>Sugars 6g</td> <td></td> </tr> <tr> <td><b>Protein 13g</b></td> <td></td> </tr> <tr> <td>Vitamin A 10%      Vitamin C 10%</td> <td></td> </tr> <tr> <td>Calcium 35%      Iron 6%</td> <td></td> </tr> </table>	Total Fat 9g	14%	Saturated Fat 4.5g	22%	Trans Fat 0g		Cholesterol 25mg	8%	Sodium 570mg	24%	<b>Total Carbohydrate 30g</b>	<b>10%</b>	Dietary Fiber 3g	12%	Sugars 6g		<b>Protein 13g</b>		Vitamin A 10%      Vitamin C 10%		Calcium 35%      Iron 6%		<p><b>Nutrition Facts</b></p> <p>Serving Size 6 crackers (39g)</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 90 <b>Calories 200</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Total Fat 10g</td> <td style="text-align: right;">15%</td> </tr> <tr> <td>Saturated Fat 2g</td> <td style="text-align: right;">10%</td> </tr> <tr> <td>Trans Fat 0g</td> <td></td> </tr> <tr> <td>Cholesterol 5mg</td> <td style="text-align: right;">2%</td> </tr> <tr> <td>Sodium 360mg</td> <td style="text-align: right;">15%</td> </tr> <tr> <td><b>Total Carbohydrate 22g</b></td> <td style="text-align: right;"><b>7%</b></td> </tr> <tr> <td>Dietary Fiber 1g</td> <td style="text-align: right;">4%</td> </tr> <tr> <td>Sugars 6g</td> <td></td> </tr> <tr> <td><b>Protein 4g</b></td> <td></td> </tr> <tr> <td>Calcium 8%      Iron 6%</td> <td></td> </tr> </table>	Total Fat 10g	15%	Saturated Fat 2g	10%	Trans Fat 0g		Cholesterol 5mg	2%	Sodium 360mg	15%	<b>Total Carbohydrate 22g</b>	<b>7%</b>	Dietary Fiber 1g	4%	Sugars 6g		<b>Protein 4g</b>		Calcium 8%      Iron 6%		<p><b>Nutrition Facts</b></p> <p>Serving Size 1 container (170g)</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 0 <b>Calories 90</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Total Fat 5g</td> <td style="text-align: right;">0%</td> </tr> <tr> <td>Saturated Fat 3g</td> <td style="text-align: right;">0%</td> </tr> <tr> <td>Trans Fat 0g</td> <td></td> </tr> <tr> <td>Cholesterol 10mg</td> <td style="text-align: right;">3%</td> </tr> <tr> <td>Sodium 70mg</td> <td style="text-align: right;">3%</td> </tr> <tr> <td><b>Total Carbohydrate 7g</b></td> <td style="text-align: right;"><b>2%</b></td> </tr> <tr> <td>Dietary Fiber 0g</td> <td style="text-align: right;">0%</td> </tr> <tr> <td>Sugars 4g</td> <td></td> </tr> <tr> <td><b>Protein 13g</b></td> <td></td> </tr> <tr> <td>Vitamin A 0%      Vitamin C 0%</td> <td></td> </tr> <tr> <td>Calcium 15%      Iron 0%</td> <td></td> </tr> </table>	Total Fat 5g	0%	Saturated Fat 3g	0%	Trans Fat 0g		Cholesterol 10mg	3%	Sodium 70mg	3%	<b>Total Carbohydrate 7g</b>	<b>2%</b>	Dietary Fiber 0g	0%	Sugars 4g		<b>Protein 13g</b>		Vitamin A 0%      Vitamin C 0%		Calcium 15%      Iron 0%	
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**Class #6**  
**Junior/Intermediate**  
**MYSTERY – Cups**

Jayden is looking to buy his favorite teacher an appreciation gift. He notices that she brings bottles of water to school frequently and likes to drink coffee. He wants a cup that is at least 24 ounces, has a lid, is durable and reusable, is insulated to keep hot drinks hot and cold drinks cold, and is dishwasher safe. Since this is his favorite teacher, he has saved up \$30 to spend. What cup should Jayden buy?

<p><b>#1</b></p> 	<p><b>#2</b></p> 	<p><b>#3</b></p> 	<p><b>#4</b></p> 
<p style="text-align: center;"><b>YETI RAMBLER</b></p>	<p style="text-align: center;"><b>TERVIS TUMBLER</b></p>	<p style="text-align: center;"><b>S'WELL BOTTLE</b></p>	<p style="text-align: center;"><b>SOLO CUP</b></p>
<p style="text-align: center;"><b>\$27.99 each</b></p>	<p style="text-align: center;"><b>\$29.99 each</b></p>	<p style="text-align: center;"><b>\$32.00 each</b></p>	<p style="text-align: center;"><b>\$7.99 for 50</b></p>
<p>PRODUCT DETAILS  <i>Made of:</i> Stainless Steel  <i>Insulation:</i> Double wall vacuum insulation  <i>Capacity:</i> 30 ounces  <i>Dishwasher Safe:</i> Yes  <i>Extras:</i>            Includes a clear, shatter-resistant lid            No-sweat design            BPA free</p>	<p>PRODUCT DETAILS  <i>Made of:</i> Plastic  <i>Insulation:</i> Double wall insulation  <i>Capacity:</i> 30 ounces  <i>Dishwasher Safe:</i> Yes  <i>Extras:</i>            No lid included            Reduced sweating            BPA free</p>	<p>PRODUCT DETAILS  <i>Made of:</i> Stainless Steel  <i>Insulation:</i> Double wall vacuum insulation  <i>Capacity:</i> 17 ounces  <i>Dishwasher Safe:</i> Yes  <i>Extras:</i>            Lid included            Reduced sweating            BPA free</p>	<p>PRODUCT DETAILS  <i>Made of:</i> Plastic  <i>Insulation:</i> None  <i>Capacity:</i> 16 ounces  <i>Dishwasher Safe:</i> no  <i>Extras:</i>            No lid included</p>

\*\*\*REASONS\*\*\*

\*\*\*REASONS\*\*\*

\*\*\*REASONS\*\*\*

Class #1

Senior





Athletic Shoes & Active Wear

Amy needs a running shoe and an active wear shirt for track at school. She would like arch support in her shoes. Her budget only allows for a \$100 purchase. She would like the shirt to reflect well because she likes to also run late at night during the summer or early mornings during the school year. She would also like both items to be bright colored so she can easily find them in her duffle bag.

	Option 1	Option 2	Option 3	Option 4
	<b>BCG Women's Invigorate 3 Running Shoes</b>	<b>Under Armour® Women's Micro G™ Assert V Running Shoes</b>	<b>ASICS® Women's Speed Collection Gel-Noosa TRI™ 9 Running Shoes</b>	<b>ASICS® Women's Gel-Kayano® 21 Running Shoes</b>
Features:				
Price	\$15.98	\$49.99	\$49.98	\$83.99
Weight	7.9 oz	7.5 oz	7.25 oz	9.3
Arch Sup.	No	Yes	Yes	Yes
	<b>Nike Women's Crew Long Sleeve Top</b>	<b>BCG™ Women's Reflective Printed Short Sleeve Running Top</b>	<b>BCG™ Women's Long Sleeve V-neck Embossed Running Top</b>	<b>BCG™ Women's Contrast Stripe Windsuit Set</b>
				
Price	\$40.00	\$16.99	\$13.98	\$15.98
Reflective	No	Yes	Yes	No
Fabric	100% Polyester	100% Polyester	90% Polyester/10% Spandex	100% Polyester
Wicking	Yes	Yes	Yes	No

## Class #2 Senior Computers

Jessica is a professional photographer and she is looking for a new computer with a bigger screen so that she can edit photos for her clients easier. Jessica would also like it to be light weight for traveling and packing purposes, but also have plenty of memory. Also, she would like to be able to use the computer without having to worry about plugging it in to charge all the time. Jessica's budget is \$850.

<b>#1</b>	<b>#2</b>	<b>#3</b>	<b>#4</b>
			
<b>Dell Inspiron Laptop AMD A8 Series</b>	<b>HP Intel Core i3 Laptop</b>	<b>Acer Granite C29ff Chromebook</b>	<b>Apple MacBook Air</b>
<b>\$599.99</b>	<b>\$399.99</b>	<b>\$214.65</b>	<b>\$849.99</b>
<ul style="list-style-type: none"> <li>• 17.3" Screen size</li> <li>• Battery Life 8.5 hours</li> <li>• 8 GB memory</li> <li>• 5.36 lbs</li> <li>• 1 TB hard drive for ample file storage space</li> <li>• 1600 X 900 HD screen resolution</li> <li>• Connect to accessories using the Bluetooth interface or USB ports, and easily stream videos and browse the Web using built-in Wi-Fi.</li> <li>• AMD A-8 Series processor</li> <li>• Built in speakers</li> </ul>	<ul style="list-style-type: none"> <li>• 15.6" Screen size</li> <li>• Battery Life 8.5 hours</li> <li>• 6 GB memory</li> <li>• 4.73 lbs.</li> <li>• 1 TB hard drive</li> <li>• 5<sup>th</sup> Gen Intel Core I3 processor</li> <li>• Cloud support</li> <li>• Built-in front-facing VGA webcam with integrated digital microphone</li> </ul>	<ul style="list-style-type: none"> <li>• 11.6" screen size</li> <li>• Battery life 9 hours</li> <li>• 2 GB memory</li> <li>• 6.0 lbs</li> <li>• LED backlight</li> <li>• Intel Celeron 2955U Dual-Core processor</li> </ul>	<ul style="list-style-type: none"> <li>• 11.6 " Screen Size</li> <li>• Battery Life 9 hours</li> <li>• 4 GB memory</li> <li>• 3.38 lbs.</li> <li>• Intel HD Graphics 6000</li> <li>• Ultrafast all-flash storage</li> <li>• 720p FaceTime HD camera</li> <li>• High resolution display</li> </ul>



## Class #3

### Senior

## Outdoor Equipment: Sleeping Bags and Tents

Landon has decided to do a campout with his friends for his birthday. They have decided to camp out in February in the Colorado Mountains and will need a sleeping bag and a cabin tent. His budget only allows for a \$250 purchase. Landon has a lot of allergies and is normal height. He has 5 friends going with him on his trip. Which sleeping bag and tent are the best choices for Landon?

	Option 1	Option 2	Option 3	Option 4
Features:				
Price Temperature Rating Insulation Dimensions	\$69.99 +35°F down regular	\$79.99 +45°F down long	\$59.99 +25°F synthetic regular	\$69.99 +35°F synthetic regular
				
Price People Number of Seasons Tent Type	\$127.99 6 3 Cabin	\$119.99 4 4 Dome	\$140.00 8 4 Cabin	\$159.99 10 4 Cabin

\*\*\*REASONS\*\*\*

\*\*\*REASONS\*\*\*

\*\*\*REASONS\*\*\*

Class #4

Senior

Outdoor Backpacks

Joe and Veronica love the outdoors and hiking. They are planning on going on a weekend (3 day, 2 night) trip and need to find the perfect backpack for their adventure. Their trip will take place in May. They are looking for a lightweight backpack with plenty of room to hold their necessities (water, tools, etc.). Joe and Veronica will both be wearing the backpack. Joe’s waist is 42 in. and Veronica is 30 in.

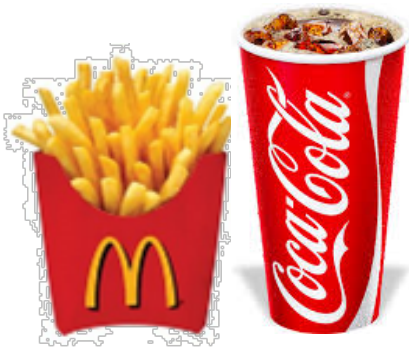



<p>#1</p> 	<p>#2</p> 	<p>#3</p> 	<p>#4</p> 
<p><b>Gregory Denali 97 Pack</b></p>	<p><b>REI Flash 50 Pack</b></p>	<p><b>REI Flash 42 Pack</b></p>	<p><b>Osprey Atmos 65 AG Pack</b></p>
<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: No</li> <li>• Gear Capacity: 97 liters/5,919 cubic inches</li> <li>• Weight: 6 lbs. 4 oz.</li> <li>• Fits torso: 18-20 in.</li> <li>• Fits waist/hips: 26-33 in.</li> <li>• Material: Nylon</li> <li>• Number of exterior pockets: 3 + main compartment</li> </ul>	<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: Yes</li> <li>• Gear Capacity: 50 liters/3,051 cubic inches</li> <li>• Weight: 2 lbs. 3 oz.</li> <li>• Fits torso: 18-20 in.</li> <li>• Fits waist/hips: 30-46 in.</li> <li>• Material: Nylon</li> <li>• Number of exterior pockets: 7 + main compartment</li> </ul>	<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: Yes</li> <li>• Gear Capacity: 42 liters/2,563 cubic inches</li> <li>• Weight: 2 lbs. 12 oz.</li> <li>• Fits torso: 15-17 in.</li> <li>• Fits waist/hips: 26-42 in.</li> <li>• Material: Nylon</li> <li>• Number of exterior pockets: 3 + main compartment</li> </ul>	<p><i>General Features</i></p> <ul style="list-style-type: none"> <li>• Ultralight: No</li> <li>• Gear Capacity: 65 liters/3,967 cubic inches</li> <li>• Weight: 4 lbs. 3 oz.</li> <li>• Fits torso: 18-21 in.</li> <li>• Fits waist/hips: 24-45 in.</li> <li>• Material: Nylon</li> <li>• Number of exterior pockets: 11</li> </ul>
<p><b>Price: \$199.99</b></p>	<p><b>Price: \$179.99</b></p>	<p><b>Price: \$129.99</b></p>	<p><b>Price: \$199.95</b></p>

# Class #5

## Senior

### Nutritious Snacks

Jan will be attending her first basketball camp this summer and needs lots of energy. She is looking for a healthy snack that is low in fat and high in protein. Which option is the healthiest option for Jan?

#1	#2	#3	#4
<p><b>McDonald's Medium French Fry &amp; Coke</b></p>	<p><b>Extra Cheesy Pizza Lunchable &amp; Water</b></p>	<p><b>Grilled Cheese Crackers &amp; Sports Drink</b></p>	<p><b>Chobani Greek Yogurt &amp; Water</b></p>
			
<p><b>Nutrition Facts</b></p> <p>Serving Size 1 medium (117g)</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 226 <b>Calories 510</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <p><b>Total Fat</b> 25g <b>29%</b></p> <p>Saturated Fat 5g <b>13%</b></p> <p>Trans Fat 0g</p> <p><b>Cholesterol</b> 10mg <b>0%</b></p> <p><b>Sodium</b> 330mg <b>11%</b></p> <p><b>Total Carbohydrate</b> 66g <b>16%</b></p> <p>Dietary Fiber 5g <b>20%</b></p> <p>Sugars 10g</p> <p><b>Protein</b> 5g</p> <p>Vitamin A 0%      Vitamin C 15%</p> <hr/> <p>Calcium 2%      Iron 6%</p>	<p><b>Nutrition Facts</b></p> <p>Serving Size 1 package</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 80 <b>Calories 270</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <p><b>Total Fat</b> 9g <b>14%</b></p> <p>Saturated Fat 4.5g <b>22%</b></p> <p>Trans Fat 0g</p> <p><b>Cholesterol</b> 25mg <b>8%</b></p> <p><b>Sodium</b> 570mg <b>24%</b></p> <p><b>Total Carbohydrate</b> 30g <b>10%</b></p> <p>Dietary Fiber 3g <b>12%</b></p> <p>Sugars 6g</p> <p><b>Protein</b> 13g</p> <p>Vitamin A 10%      Vitamin C 10%</p> <hr/> <p>Calcium 35%      Iron 6%</p>	<p><b>Nutrition Facts</b></p> <p>Serving Size 6 crackers (39g)</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 90 <b>Calories 350</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <p><b>Total Fat</b> 10g <b>15%</b></p> <p>Saturated Fat 2g <b>10%</b></p> <p>Trans Fat 0g</p> <p><b>Cholesterol</b> 5mg <b>2%</b></p> <p><b>Sodium</b> 610mg <b>15%</b></p> <p><b>Total Carbohydrate</b> 60g <b>7%</b></p> <p>Dietary Fiber 1g <b>4%</b></p> <p>Sugars 41g</p> <p><b>Protein</b> 4g</p> <p>Calcium 8%      Iron 6%</p>	<p><b>Nutrition Facts</b></p> <p>Serving Size 1 container (170g)</p> <hr/> <p><b>Amount Per Serving</b></p> <hr/> <p>Calories from Fat 0 <b>Calories 90</b></p> <hr/> <p style="text-align: right;">% Daily Values*</p> <p><b>Total Fat</b> 5g <b>0%</b></p> <p>Saturated Fat 0g <b>0%</b></p> <p>Trans Fat 0g</p> <p><b>Cholesterol</b> 10mg <b>3%</b></p> <p><b>Sodium</b> 70mg <b>3%</b></p> <p><b>Total Carbohydrate</b> 7g <b>2%</b></p> <p>Dietary Fiber 0g <b>0%</b></p> <p>Sugars 4g</p> <p><b>Protein</b> 15g</p> <p>Vitamin A 0%      Vitamin C 0%</p> <hr/> <p>Calcium 15%      Iron 0%</p>

**Class #6**  
**Senior**  
**MYSTERY – Bicycles**

Aaron recently decided to start a new healthy lifestyle. He wants to start riding a bicycle long distances on roads and highways. He doesn't want to spend a lot but he also wants a good quality bicycle that will last because he may want to compete in races one day. He has \$400 saved up. Which would be the best choice for Aaron?

<p><b>#1</b></p> 	<p><b>#2</b></p> 	<p><b>#3</b></p> 	<p><b>#4</b></p> 
<p style="text-align: center;"><b>Dawes Lightning 1200 27 Speed Road Bike</b></p>	<p style="text-align: center;"><b>FIXED-GEAR / SINGLE-SPEED BIKE WITH BMX HANDLEBARS</b></p>	<p style="text-align: center;"><b>Mongoose Vinson All-Terrain Fat Bike</b></p>	<p style="text-align: center;"><b>Huffy Bicycle Company Men's Cruiser Deluxe Bike</b></p>
<p style="text-align: center;"><b>\$319.95</b></p>	<p style="text-align: center;"><b>\$299.95</b></p>	<p style="text-align: center;"><b>\$407.00</b></p>	<p style="text-align: center;"><b>\$229.59</b></p>
<ul style="list-style-type: none"> <li>– lightweight Altair 1 aluminum compact frame</li> <li>– 27 speeds</li> <li>– Multiple seat positions for leisurely riding, training, or competitive racing</li> <li>– Shimano STI shifters combine braking and shifting so you can stop your bike without large hand movement</li> </ul>	<ul style="list-style-type: none"> <li>– Our fixed gear bicycles are hand built for the commuter lifestyle</li> <li>– One speed</li> <li>– Each fixed gear bike includes a flip-flop hub, so you can easily switch from fixed riding to coasting with a freewheel.</li> </ul>	<p>Designed with 24 speeds and great for all types of terrain, this Mongoose® men's Vinson fatbike offers a totally versatile ride! Its wide Veerubber Mission tires supply great traction no matter where you go, while the dual disc brakes make it so simple to stop.</p>	<p>Features cruiser frame, coaster brakes, 26" x 2.35" tires, front basket, beverage holder, dual density grips and pedals, 12-gauge spokes, fender, alloy quick release seat.</p>

# JUNIOR/INTERMEDIATE

## Class #1 – Athletic Shoes

Placing: 4-3-1-2

Cuts: 3-2-5

Reasoning:

**In the top pair, I placed 4 over 3 because:**

- 4 has rubber cleats
- Is made for real grass
- Has 9 spike rubber layout, which is what is used in baseball

Grants to 3

- They are a comparable shoe, but the coach prefers rubber cleats over metal.
- 3 costs \$5 less.

**In the middle pair, I placed 3 over 1 because:**

- 3 is a baseball cleat for real grass whereas 1 is made for artificial turf
- 3 is a baseball shoe and 1 is a lacrosse shoe.

Grants to 1

- 1 is much less expensive but doesn't meet the needs enough to move up in the class.

**In the bottom pair, I placed 1 over 2 because:**

- 1 is within the budget

Grants to 2

- 2 is a baseball shoe with rubber cleats, but...

**I placed 2 last because:**

- These shoes were over budget

## **JUNIOR/INTERMEDIATE**

### **Class #2 – Digital Cameras**

Placing: 1-2-3-4

Cuts: 3-2-4

#### **Reasoning:**

I placed this class of digital cameras 1-2-3-4.

In the top pair, I placed 1 over 3 because 1 has the best combination of the features for which Julie is looking. 1 has the highest optical zoom of 9x, 15 scene modes and is well within her budget of \$100 coming in at \$79.99. In addition, 1 has the largest megapixel resolution at 16 megapixels, image stabilization and the 720p HD movie recording.

I grant that 2 has a slightly bigger LCD screen.

In my middle pair, I placed 2 over 3 because 2 has greater optical zoom of 7x compared to 3's 5x optical zoom.

I grant that the 3 camera has a slightly larger mega pixel resolution, more scene modes, and is \$10 less expensive.

In my bottom pair, I placed camera 3 over 4 because has a greater optical zoom and many more scene modes compared to 4. In addition 3 has a higher resolution.

I grant that 4 is the most affordable option in the class.

I placed 4 last because it had the lowest resolution (10 megapixel), least amount of scene modes (4), smallest screen (2.5"), and the least desirable optical zoom (3x).

## **JUNIOR/INTERMEDIATE**

### **Class #3 – Outdoor Equipment - Stoves**

Placing: 3-2-4-1

Cuts: 3-2-4

#### **Reasoning:**

**In the top pair, I placed 3 over 2 because:**

Exactly what is needed, lightweight,  
Includes pot & lid, carry bag  
Best option for the money

Grants to 2

Grant that 2 may have more conveniences like self-cleaning, but it wasn't enough to compensate for the higher price

**In the middle pair, I placed 2 over 4 because:**

2 is a quicker heating method: liquid vs. fire

Grants to 4

Less expensive and lighter weight

**In the bottom pair, I placed 4 over 1 because:**

4 is less expensive  
Lighter weight  
More convenient

Grants to 1

Quicker heating method

**I placed 1 last because:**

Too heavy  
Most expensive

## **JUNIOR/INTERMEDIATE**

### **Class #4 – Outdoor Backpacks - REASONS**

Placing: 2-3-1-4

Cuts: 2-3-5

#### **Reasoning:**

**In the top pair, I placed 2 over 3 because:**

It is lightest weight in the class

Fits waist/hips 30-46 inches

Has 7 exterior pockets for supplies

More capacity than 3

Grants to 3

It is less expensive

**In the middle pair, I placed 3 over 1 because:**

It is lightweight

Fits waist up to 42 in.

Less expensive as 1

Grants to 1

Has the same number of exterior pockets as 3

**In the bottom pair, I placed 1 over 4 because:**

Has more gear capacity

Grants to 4

Has more exterior pockets

Fits waists up to 45 in.

**I placed 4 last because:**

It is over budget



# JUNIOR/INTERMEDIATE

## Class #5 – Nutritious Snacks

Placing: 4-2-3-1

Cuts: 3-3-5

### Reasoning:

#### **In the top pair, I placed 4 over 2 because:**

- Lowest in Total Fat (5g)
- One of the highest in Protein (13g)
- Lowest in calories (90)

Grants to 2

- Same amount of Protein (13g)
- Had more food groups/variety (protein, grains, dairy, vegetables)

#### **In the middle pair, I placed 2 over 3 because:**

- Less total fat (9g)
- More protein (13g)

Grants to 3

- Does not need to keep cool and very portable

#### **In the bottom pair, I placed 3 over 1 because:**

- Less fat by over half (10g)
- Less calories than 1 (200 calories)

Grants to 1

- More protein by 1g (3g)

#### **I placed 1 last because:**

- Contains most fat (22g)
- Contains most calories (380 calories)

## **JUNIOR/INTERMEDIATE**

### **Class #6 – Mystery – Cups**

Placing: 1-2-4-3

Cuts: 3-4-4

#### **Reasoning:**

##### **I started the class with #1 because:**

- 1 has double wall insulation
- Is within the budget and \$2 less expensive than the item in second place
- Has a lid
- Is made of durable stainless steel
- Holds 30 ounces, which is 6 more ounces than required

##### **Grants to 2**

- Grant that 2 is a close second but the extra price and the lack of a lid prevent it from winning the class.

##### **In the middle pair, I placed 2 over 4 because:**

- 2 is reusable, durable, and dishwasher safe
- 2 is double wall insulated and holds 30 ounces.

##### **Grants to 4**

- Grant that 4 is much less expensive

##### **In the bottom pair, I placed 4 over 3 because:**

- Pricing

##### **Grants to 3**

- Had a lid and was reusable

##### **I placed 3 last because:**

- It was out of the price range and did not meet the minimum ounces required

# SENIOR

## Class #1 – Athletic Shoes & Active Wear - REASONS

Placing: 3-2-1-4

Cuts: 2-4-3

Reasoning:

**In the top pair, I placed 3 over 2 because:**

- The shoe was the lightest (7.25 oz)
- The shoe had arch support
- The active wear was reflective
- Both pieces of the set were very brightly colored, making it easy for her to find in her bag and providing extra safety during late night/early morning runs.
- The set was less expensive than the set in second place.

Grants to 2

- 2 also comes close to meeting Amy's needs, but the additional weight of the shoe and the extra \$3 cost prevents it from winning the class.

**In the middle pair, I placed 2 over 1 because:**

- 2 had arch support
- The active wear was reflective
- The shirt for 2 was very brightly colored as well as part of the shoe.
- The pair for 1 was very dark colored.
- The shoe in 2 was lighter in weight.

Grant to 1

- It was less expensive.

**In the bottom pair, I placed 1 over 4 because:**

- The shoes in 1 weighed less than the shoes in 4.
- It was least expensive in the class.
- The apparel portion had a shirt, and 4 had a jacket & pants.

Grants to 4

- The shoe had arch support.

**I placed 4 last because:**

- It was a wind suit and not a shirt
- It was the most expensive (\$99.97)
- The active wear material did not have wicking properties
- Active wear was not reflective
- Athletic Shoes were the most in weight (9.3oz)

## **SENIOR**

### **Class #2 – Computers**

Placing: 1-2-4-3

Cuts: 2-4-2

#### **Reasoning:**

I placed this class of computers 1-2-4-3.

In the top pair, I placed 1 over 2 because in the scenario Jessica is looking for a computer that has a larger screen, plenty of memory and good battery life. 1 has the largest screen size, 8 GB of memory with a battery life of 8.5 hours.

I grant that the 2 computer is lighter in weight and the same battery life but it does not have the screen size and memory desirable for Jessica's photo editing needs.

In the middle pair, I placed 2 over 4 because 2 has a much bigger screen size and 2 GB more memory as well as a 1 TB hard drive. I criticize it has a little less battery by half a hour and is a little heavier, but 2's screen size and memory, as well as the price, bring it up higher in the class than 4.

In the bottom pair, I placed 4 over 3 because 4 has more memory and it is the lightest computer in the class. While I grant that 3 is the least expensive item in the class, its lack of memory and heavy weight places it easily in the bottom of the class.

# SENIOR

## Class #3 – Outdoor Equipment – Sleeping Bags & Tents

Placing: 3-4-1-2

Cuts: 2-5-2

Reasoning:

**In the top pair, I placed 3 over 4 because:**

- It was a synthetic sleeping bag (no allergies)
- Best temperature reading (25)
- Regular size bag
- Sleeps 8 (needed 6 person so more than adequate)
- Cabin Tent

Grants to 1

- Less expensive than 4 (\$199.99)

**In the middle pair, I placed 4 over 1 because:**

- Regular size bag
- It was (35) temperature
- It slept 10 (more than adequate amount of space)
- Cabin Tent
- Had 4 seasons (1 only 3 seasons)

Grant to 4

- It was a synthetic sleeping bag (no allergies) while 1 was a down sleeping bag (allergies)

Criticism to 4

- It was the most expensive (\$229.98)

**In the bottom pair, I placed 1 over 2 because:**

- It did sleep 6 (cozy but did fit 6)
- Cabin Tent
- Least expensive (\$197.98)

Criticisms to 1

- It was a down sleeping bag (allergies)
- It was one of the highest temperatures (35 degrees) but less than 2

**I placed 2 last because:**

- It was a down sleeping bag (allergies)
- It was long size sleeping bag
- It did not sleep but 4 people and there were 6
- It was a dome tent
- Temperature was the highest (45)

## **SENIOR**

### **Class #4 – Outdoor Backpacks - REASONS**

Placing: 2-3-4-1

Cuts: 1-4-4

#### **Reasoning:**

I placed this class of outdoor backpacks 2-3-4-1.

I found this class to break into two easy pairs. The top pair of weekender packs rises easily to the front. I started the class with number 2, the REI Flash 50 pack. This pack is the lightest weight in the class and offers the highest capacity of the weekend style packs that Joe & Veronica need. The Flash 50 pack meets the necessary waist size variations to accommodate both hikers. The 7 extra pockets also provide ample additional space to store items and necessities during their trip.

I grant that 3, the REI Flash 42 pack, is less expensive, however it was simply outmatched in regards to extra space, pockets, and the additional weight, preventing it from being the class winner.

The middle pair is an easy decision as we move from one item, number 3 the REI Flash 42 pack, that is very close to what Joe & Veronica need to a pack that simply put is too much for what they need. While I grant that 4, the Osprey Atmos 65 pack, has plenty of room and the most pockets of the class, the capacity of this pack bumps it into a multi-day pack and significantly increases the overall pack weight. Additionally, there is a \$70 price difference, making the Osprey pack the less cost-efficient of the pair.

In the bottom pair, 1, the Gregory Denali pack, easily secures the last placing. Although it has the most capacity in the class, it is way more pack than what Joe & Veronica need. It's also the heaviest pack in the class. More importantly, the pack will not fit Joe's waist, making it least useful to the pair.

# SENIOR

## Class #5 – Nutritious Snacks

Placing: 4-2-3-1

Cuts: 4-2-5

### Reasoning:

#### **In the top pair, I placed 4 over 2 because:**

- Lowest in Total Fat (5g)
- Highest in Protein (15g)
- Drink was water- best drink option for snack

Grants to 2

- Had more food groups/variety (protein, grains, dairy, vegetables)

#### **In the middle pair, I placed 2 over 3 because:**

- Less total fat (9g)
- More protein (13g)
- Drink was water- best drink option for snack

Grants to 3

- Does not need to keep cool and very portable

#### **In the bottom pair, I placed 3 over 1 because:**

- Less fat by over half (10g)
- Sports drink is better option than coke
- Less calories than 1 (350 calories)

Grants to 1

- More protein by 1g (5g)

#### **I placed 1 last because:**

- Contains most fat (25g)
- Contains most calories (510 calories)
- Coke is not a good option for a drink at any time

## **SENIOR**

### **Class #6 – Mystery - Bicycles**

Placing: 1-2-4-3

Cuts: 3-3-4

#### **Reasoning:**

I placed today's mystery class of bicycles 1-2-4-3.

Number one, the Dawes lightning 1200 jumps out as the easy favorite. I placed it first because it is within the budget, is a road bike, has 27 speeds, and can be converted into a racing bike in the future, just as Aaron wants.

While I grant that number two, the Fixed Gear Single Speed bike is significantly less expensive, the lack of necessary attributes doesn't overcome the attractive price tag.

I placed 2 over 4 because 2 is more of a road bike and designed with commuters in mind, whereas 4, the Huffy Men's Cruiser Deluxe is more of a leisure bike. The structure, frame, and style of the Huffy simply don't meet Aaron's needs as well as 2, despite a significant price advantage.

In the bottom pair, I placed 4, the Huffy, over 3, the Mongoose Vinson All-Terrain Fat Tire bike because the Mongoose was out of Aaron's price range. While I grant that the Mongoose may be more in line with Aaron's needs because of the 24 speeds, braking capacity, and heavy duty tires, it was simply out of the budget and therefore out of consideration.