

School Supplies

6th – 8th Grade:

Selecting the correct notebook can be challenging. Table 1 shows the notebook options at a local store.

Table 1: Notebooks

Name of Notebook	Description	Cost
5-Subject Notebook	5 sections each with 200 pages, plus a folder pocket	\$7.00
3-Subject notebook	3 sections each with 120 pages	\$4.00
1-Subject Notebook	Graphic design front cover with 200 pages	\$1.50

1. Jackie needs 7 notebooks each with at least 200 sheets of paper. Jackie claims it would cost the least amount if she purchased 7 of the 1-Subject Notebooks. Do you agree or disagree with Jackie's claim? Justify your decision.

2. Robert needs 7 notebooks as well, but he needs a minimum of 400 pages for 4 of his classes and a min of 200 pages for the other 3 classes. Which notebooks do you recommend Robert select to minimize the cost. Justify your answer.

3. Laura has a coupon of 20% off any 3- or 5-Subject notebook. Laura needs 6 notebooks each with a minimum of 300 pages. Laura claims that the least expensive option is to purchase 2 of the 5-subject notebooks and then modify where the dividers are located. Do you agree or disagree with Laura's claim? Justify your answer.
