

**SHOWING SCHOOL SPIRIT**

You and your four friends are going to make signs for your school pep rally. Since you’re all pitching in your allowance money, you need to decide where to buy the materials at the cheapest price. You need a roll of paper, markers, poster paint and paint brushes. The largest size poster your school allows is 3 feet by 7 feet, and you and your friends want to make your posters as big as possible so they are sure to be seen by everyone! Standard rolls of paper are 3 feet (1 yard) wide. Check prices by reviewing the advertisements shown below.

1. Where will you go to buy specific supplies if all the stores are within walking distance?
2. If you need to drive to each of the stores, and your mom will only take you to one store, which one would you choose? Why?

To successfully complete this task you are expected to:

- decide how many signs you’ll make and how much of each supply you’ll need;
- compare the cost of each item needed by calculating the price per unit; and
- show your work to support your decisions.

Your work will be evaluated on how well you have:

- accurately calculated each price per unit;
- chosen the best place to shop for each individual item;
- chosen the best place to shop for all items at one store; and
- defended your purchasing decisions.

MARI’S MURAL MARKET	
7 Yards of Paper	\$2.00
10 Big Bold Markers	\$2.50
7 oz. Poster Paint Comes in 4 Colors	\$1.75 per color
5-Pack, Large Paint Brushes	\$3.50

STEVE’S SIGN STORE	
15 Yards of Paper	\$4.00
8 Colorful Markers	\$2.00
12 oz. Poster Paint Comes in 8 Colors	\$3.00 per color
1 Big Paint Brush	\$0.75

AL’S ART SUPPLIES	
10 Yards of Paper	\$3.00
6 Thick Bright Markers	\$1.50
8 oz. Poster Paint Variety of Colors	\$1.85 per color
3-Pack of Big Brushes	\$2.00

[Source: A Guide to K-12 Program Development in Mathematics, State of Connecticut]