



SAFETY RULES ARE THE BEST TOOLS

Planning the Safety Fair: Booths

The following questions will help you decide how many booths to have at your fair and which safety topics to cover.

This table shows the supplies that can be provided to each booth and the cost for each item.

Supplies	Cost
1 table	\$12
1 chair	\$7
1 canopy	\$60
1 banner	\$16

1. The fair will be two hours shorter at Location #1, so you will not provide chairs for each booth. Write an expression to show how to find the total cost of one table, one canopy, and one banner. Explain your thinking.
2. The fair will be two hours longer at Location #2. You will provide one table, one canopy, one banner, and two chairs for each booth. Write an expression to show how to find the total cost of these supplies. Explain your thinking.
3. Write an expression to show how to find the total cost for five booths at Location #1.

4. Write an expression to show how to find the total cost for 5 booths at Location #2.
5. Describe how the expression $(12 + 60 + 16)$ relates to the expression $5(12 + 60 + 16)$.
6. Your budget for the booths is \$800. Each booth at Location #1 is provided with one canopy, one table, and one banner. Use repeated multiplication and subtraction or an area model to show how to determine the number of booths you can have with a budget of \$800.



7. Now that you know how many booths you can have at Location #1, determine the total cost for the booths if each one has one table, one canopy, and one banner. Show or explain how you found the answer.

8. Each booth at Location #2 is provided with one canopy, one table, one banner, and two chairs. Use repeated multiplication and subtraction to show how to determine the number of booths you can have with a budget of \$800.

9. Now that you know how many booths you can have at Location #2, determine the total cost for the booths if each one has one table, one canopy, one banner, and two chairs. Show or explain how you found the answer.

10. Choose the booths you will have at your fair.

Vehicle Safety Learn about seatbelts, car seats, and the dangers of distracted driving	Electricity Safety Learn what to do if the power goes out or if you see a downed power line	Fire Prevention Tips for preventing fires at home and in the forest	Earthquake Safety Learn how to prepare for an earthquake and what to do if one occurs
Animal Safety Learn what to do when you encounter pets you don't know or wild animals like skunks and possums; learn the importance of your pet wearing a collar	Summertime Safety Learn why you need to wear sunscreen, the importance of hydration, and what to do about those pesky insects	Water Safety Learn how to properly wear a life jacket, water temperature guidelines, and the dangers of river and ocean currents	Bike Safety Learn how to check bike equipment, practice hand signals, and be sure your helmet fits correctly
Tornado Safety Learn how to prepare for a tornado and what to do if one occurs	Hurricane Safety Learn how to prepare for a hurricane and what to do if one occurs	Flood Safety Learn how to prepare for a flood and what to do if one occurs	Pedestrian Safety Learn how to be safe when walking during the day and at night