

Buying Concert Tickets

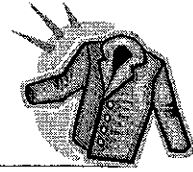
Your favorite group is coming to town for a concert next month. At the door, the cost of one ticket is \$30 plus 5% tax.

1. What will it cost for 2 tickets including tax?
2. What will 15 tickets cost, including tax?
3. When you buy advance tickets, you get a 12% discount. What will 15 tickets cost, including tax, if you buy them in advance?
4. Which is the better buy, buying 10 tickets at the door or buying 12 tickets in advance? Justify your answer.

25% Sale

In a sale, all the prices are reduced by 25%.

1. Julie sees a jacket that cost \$32 before the sale.
How much does it cost in the sale?



\$ _____

Show your calculations.

In the second week of the sale, the prices are reduced by 25% of the previous week's price.
In the third week of the sale, the prices are again reduced by 25% of the previous week's price.
In the fourth week of the sale, the prices are again reduced by 25% of the previous week's price.

2. Julie thinks this will mean that the prices will be reduced to \$0 after the four reductions because $4 \times 25\% = 100\%$.

Explain why Julie is wrong.

3. If Julie is able to buy her jacket after the four reductions, how much will she have to pay?

\$ _____

Show your calculations.

Julie buys her jacket after the four reductions.
What percentage of the original price does she save?

_____ %

Show your calculations

T-shirt Sale

T-shirt Sale
Any 3 T-shirts for \$14.50



1. Tom bought these three T-shirts at the sale price of \$14.50.
How much money did he save compared to the original total price of the T-shirts?
Show your calculations. \$ _____

2. What percentage of the original total price did Tom save? _____ %
Show your work.

3. Harry also paid \$14.50 for three T-shirts at the sale. The sale price saved Harry 30% of the original price of the three T-shirts.
What is the original total price of his three T-shirts? \$ _____
Show your calculations.

Sale!

The following price reductions are available.

Two for the price of one

Buy one and get 25% off the second

Buy two and get 50% off the second one

Three for the price of two

1. Which of these four different offers gives the biggest price reduction?

Explain your reasoning clearly

2. Which of these four different offers gives the smallest price reduction?

Explain your reasoning clearly.
