

9. A website allows users to download individual songs or an entire album. All individual songs cost the same to download, and all albums cost the same to download. Ryan paid \$14.94 to download 5 individual songs and 1 album. Seth paid \$22.95 to download 3 individual songs and 2 albums. How much does the website charge to download an individual song and how much does it charge for an entire album?

10. A new on-line movie rental company is advertising two different plans for "vintage" pay-per-view movies (movies that came out more than 10 years ago).

Plan A: You pay \$2 per movie.

Plan B: You pay a yearly member ship fee of \$18 and movies are discounted to \$1.50 per movie.

Which plan would you choose? You must provide a mathematical explanation for your choice.

11. Matt invested \$2000 in stocks and bonds. This year the bonds paid 8% interest, and the stocks paid 6% in dividends. Matt received a total of \$144 in interest and dividends. How much money did he put in each type of investment?

12. At a grocery store, a customer paid a total of \$9.70 for 1.8 pounds of potato salad and 1.4 pounds of coleslaw. Another customer paid a total of \$6.55 for 1 pound of potato salad and 1.2 pounds of coleslaw. How much does the grocery store charge for 1 pound of potato salad and how much does the grocery store charge for 1 pound of coleslaw?