

Which music card is the better value? Explain your thinking to solve this problem in two different ways. Youtube videos explaining unit rates, or least common multiplies or comparing ratios required to be embedded.

CARD ONE is called MySongs, and can download 16 songs for \$24

CARD TWO is called MyTunes and can download 12 songs for \$20

Ideas to solve:

1. unit price per song
2. what decimal or fractional part of a song can you get for \$1
3. finding the least common multiple for 16 and 12, and determine the cost for 48 songs for each card
4. create a ratio table and compare
5. Use cross products: $16/24 \times 12/12 = 192/288$ and $12/20 \times 16/16 = 192/320$
6. Find unit price for CARD One, and then use that rate on CARD TWO to compare to see who is better value