




Name:

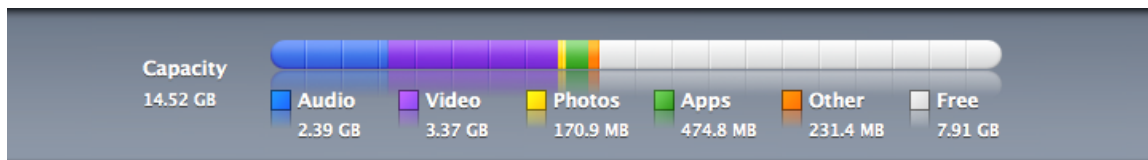
Period:

For the problems on these pages use the following information:

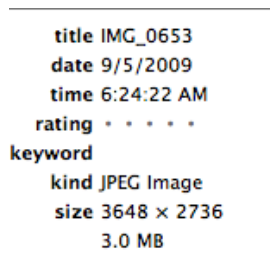
1 word document=100 kb 1 song = 3 MB 1 photo (3648x2736)=3 MB 1 mobile app = 25 MB 1-90 minute video = 1.3 GB 1-30 minute video = 350 MB 1-3 minute video = 20 MB	1000 kilobytes = megabyte 1000 megabytes = gigabyte 1000 gigabytes = terrabyte	floppy = 1.3 MB CD = 700 MB DVD-R = 4.7 GB Flash Drive USB = 8 GB
 External Drive =500 GB	 Internal Drive=250 GB	 Mac Mini Drive =160 GB

- 1) Which drive is the largest drive? What is the size?
- 2) Which drive is the smallest drive? What is the size?
- 3) How many megabytes is the external drive?
- 4) How many kilobytes is the external drive?
- 5) How many word documents can fit on the external drive?
- 6) How many songs (round to the largest whole number) can fit on the External Drive?
- 7) How many megabytes is the Internal drive?
- 8) How many kilobytes is the Internal drive?
- 9) How many word documents can fit on the Internal drive?
- 10) How many songs (round to the largest whole number) can fit on the Internal Drive?
- 11) How many megabytes is the Mac Mini Drive?
- 12) How many kilobytes is the Mac Mini Drive?
- 13) How many word documents can fit on the Mac Mini Drive?
- 14) How many songs (round to the largest whole number) can fit on the Mac Mini Drive?
- 15) How many word documents can fit on the floppy drive?
- 16) How many word documents can fit on a CD?
- 17) How many songs can fit on a CD?
- 18) How many songs can fit on a DVD-R?

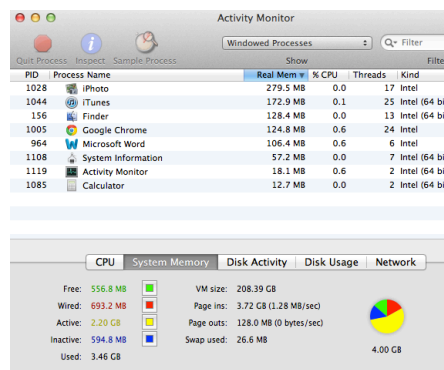
Using the iTunes image of a 16 GB iPod below, answer the questions (use 16 GB in your calculations, not 14.52 GB as shown in the Capacity). Consider that an average app is 25 MB.



- 19) How many more movies can fit on this iPod?
- 20) How many more songs can fit on this iPod?
- 21) How many more apps can fit on this iPod?
- 22) How many more photos can fit on this iPod?
- 23) If this was an 8 GB iPod, how much Free space would I have?
- 24) Could I put 10 songs on it before it was at its full capacity?



- 25) The picture above is from a Macintosh application called iPhoto. What is the average size of the photos in the album?
- 26) My entire photo library is approximately 7.5 GB. Approximately how many pictures is that?
- 27) If I backed up my entire 7.5 GB photo library to a DVD-R, what is the minimum number of DVD's I would need to completely back up my library?



- 28) The image above left shows information about my MacBook. How much RAM does it have?
- 29) Which is larger, the memory (or RAM) in the computer or the Internal Drive?
- 30) The computers we use have 4 GB of RAM, if the average application size is 100 MB. How many applications can I run at one time before my computer crashes? Assume the OS also uses 100 MB of RAM.