

## **CALCULATING AUDIO FILE SIZES**

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We have a CD with these songs and their lengths:

<b><u>Bon Jovi – Crossroad</u></b> 1.- Livin' on a prayer (4:11) 2.- Keep the faith (5:45) 3.- Someday I'll be Saturday night (4:38) 4.- Always (5:52) 5.- Wanted dead or alive (5:07)
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We want to convert the songs to the MP3 format. We can use a bitrate of 96 kbps, 128 kbps or 192 kbps. Calculate the sizes (in megabytes with 2 decimal digits) of each song, and the total size with each bitrate:

<b>Bitrate →</b>	<b>96 kbps</b>	<b>128 kbps</b>	<b>192 kbps</b>
Song 1			
Song 2			
Song 3			
Song 4			
Song 5			
<b>TOTAL (MB):</b>			

If we want to fill an MP3 player of 256 MB with 10 CDs like this one, which is the best bitrate? Why?