Math for Movies

The questions are on the PowerPoint, but in case you did not notice them they are presented for you on this document. Please answer on a different document or on Paper.

1. Convert 36 16mm feet to 35mm
2. Convert 90 35mm feet to 16mm
3. Make a chart from 1 – 16 and multiply each number by .0625.

3a) Add 39+14 to 1769+07

1. Convert 16mm 83+38 to its 35mm equivalent.
2. Convert 4 film frames to video frames  
   5a) Convert 7 film frames to video frames
3. Convert 5 video frames to film frames

6a) Convert 7 video frames to film frames

1. Convert 19+03 to time

7a) Convert 1240+13 to real time

1. Convert 357+08 to 30-fps timecode
2. Convert 07:32:56:27 non-drop to drop frame timecode
3. Convert 02:03:59:10 to 35mm feet and frames (assume the hour represents a reel number)
4. Picture was shot at 12 fps, but audio was recorded at 24 fps. By how much do you have to change the pitch to match the length with the appropriate pitch change?

\*EVERYTHING YOU NEED TO HELP YOU ANSWER THESE QUESTIONS IS ON THE POWERPOINT!\*