

Codecs quiz

1. What is **CODEC** short for? Give two different answers!
2. What is generally meant by **encoding**? How does this apply to video?
3. What is meant by **decoding** video?
4. What is meant by compressing video? Decompressing video?
5. What is meant by bitrate? What units is it measured in?
6. What is constant bitrate? What sort of video is CBR best used with?
7. What is variable bitrate? What is the advantage of VBR when encoding video?
8. What is average bit rate (ABR)?
9. What is one-pass video encoding? What sort of video is it used with?
10. What is double-pass (*two-pass* or *multi-pass*) encoding? Is it used for CBR or VBR? Explain what happens the first pass and the second pass.
11. What codec is used with DVD-Video?
12. Where is PAL used?
13. Where is NTSC used?
14. What is Mpeg-1 used for?
15. What is Mpeg-2 used for?
16. What is Mpeg-3 used for?
17. What is Mpeg-4 used for?
18. Which group created the mpeg series of codecs?
19. Which group created the h.2 series of codecs?
20. What do Mpeg-4 and h.264 have in common?
21. How are keyframes used in video compression?
22. Why is it a good idea to add extra keyframes at regular intervals to a video?