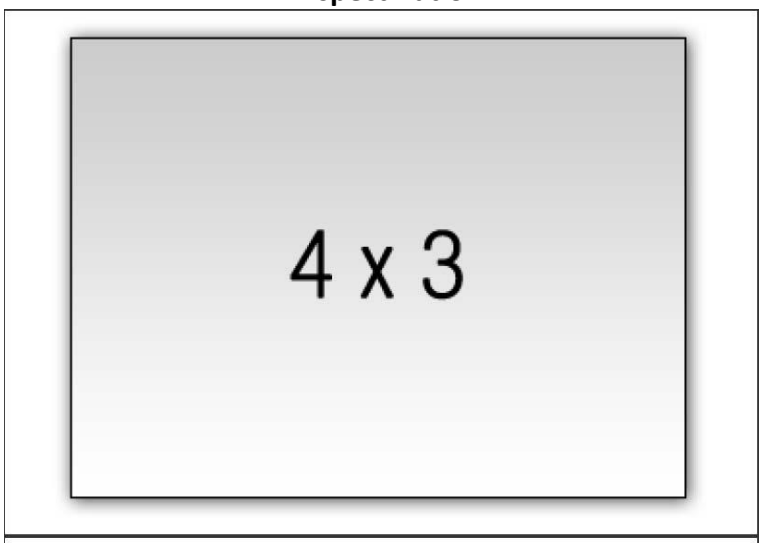
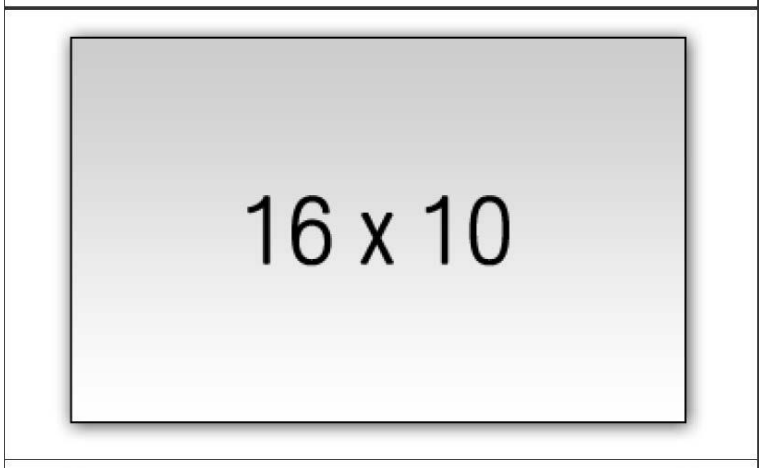
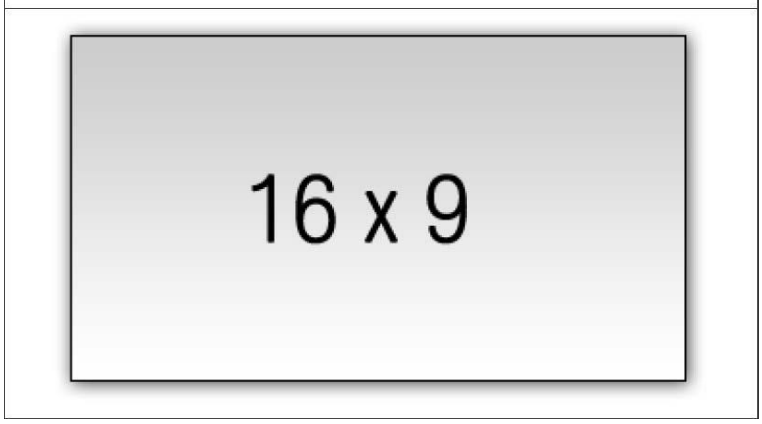
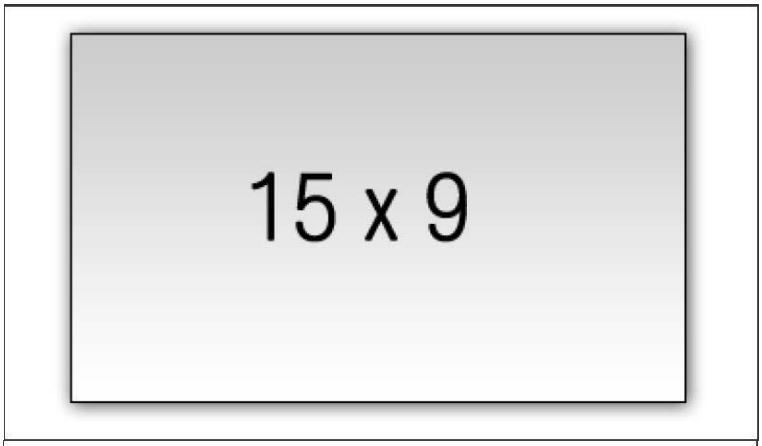
Encoding Sizes and Aspect Ratios

What Do Small, Medium, and Large Really Mean?

The Flash, Silverlight, Windows Media, and Real Media output have various resolutions available to each of them that are labeled Small, Medium, and Large. What do these resolutions mean? These resolutions are adaptive in that they will automatically adjust to the aspect ratio of the recorded resolution. The following images show examples of each of these aspect ratios.

Aspect Ratio	Resolution Examples
	640x480 800x600 1024x768 1152x864 1280x960 1600x1200
	1280x800 1440x900 1680x1050 1920x1200
	1280x720 1360x768 1600x900 1920x1080



1280x768

1280x1024

The output resolutions match the aspect ratios of incoming video when using these Small, Medium, and Large adaptive resolutions. Not all resolutions can be adaptive. The following encodings must be formatted with specific aspect ratios: iPod and iPhone output, Windows Portable Media output, and theYouTube output. For the adaptive ratios the following resolutions are used.

Recorded Aspect Ratio	Encoding Type	Output Size
4x3	Small	640x480
	Medium	800x600
	Large	1024x768
16x10	Small	640x400
	Medium	800x500
	Large	1024x640
15x9	Small	640x384
	Medium	800x480
	Large	1024x616
5x4	Small	640x512
	Medium	800x640
	Large	1024x820

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