

Bytes and SI Prefixes

<p>BYTE One unit of computer storage</p>		<p>◀ 8 bits</p>		<p>◀ 1 character = anything you type on a keyboard</p>
<p>KILOBYTE One thousand bytes</p>		<p>◀ 1/2 page of text</p>		<p>◀ One computer onboard <i>Apollo</i> (1969) = 74 KB of memory</p>
<p>MEGABYTE One million bytes</p>		<p>◀ One minute of music</p>		<p>◀ 500 pages of text</p>
<p>GIGABYTE One billion bytes</p>		<p>◀ 18 hours of mp3 music</p>		<p>◀ 12 hours of flash video</p>
<p>TERABYTE One trillion bytes</p>		<p>◀ Library of Congress has about 10 TB of print collections</p>		<p>◀ Superstore data warehouse has about 9,000 TB of data</p>
<p>PETABYTE One quadrillion bytes</p>		<p>◀ Internet search engine processes 20 PB per day</p>		<p>◀ All emails sent in the world in 2002 = 440 PB</p>