

<b>Item</b>	<b>Period</b>	<b>Comments</b>
Time	1600-1900	Analog watches keep time to within minutes. They need to be set occasionally using the town's watch tower.
Time	1960-2000	A ten dollar digital watch can determine the time to within a second.
Space	1700-1800	Marine chronometers were developed through advances in mechanics that can determine latitude to within a degree.
Space	1960-2000	A Geographical Positioning System (GPS) can determine position within yards.

Table 2.3: Moore's law describing the commoditization of the processing power of integrated circuits is well known and has occurred over the last 40 years or so. It is useful to apply this perspective to other phenomena, such as the commoditization of how we measure time and space that has occurred over the past few hundred years. During the first industrial era, mechanical devices were developed to measure time and space to an accuracy that was previously unknown. During the second industrial era, digital devices were developed to measure time and space to an accuracy that was previously unknown.