

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Wristwatch Design for the Visually Impaired Activity – Guided Research

### Directions

Define the following words or phrases and use them in a sentence that shows understanding:

<b>Bioengineering</b>	Definition:	Looks like:
	Sentence:	
<b>Biomedical Engineering</b>	Definition:	Looks like:
	Sentence:	
<b>Assistive Device</b>	Definition:	Looks like:
	Sentence:	
<b>Braille</b>	Definition:	Looks like:
	Sentence:	

Describe how to use an analogue watch to tell time.

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How does a wristwatch work?

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Describe how quartz is used to power wristwatches today.

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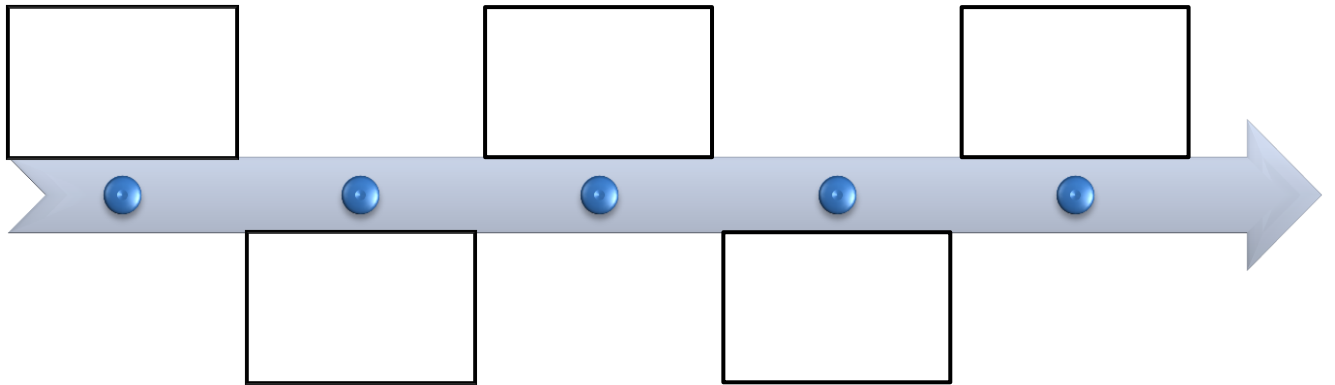


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Identify five major changes/advancements in history that have impacted daily life for people with visual impairment. Identify the date and the person(s) responsible for the advancements.



Complete the chart below to show the Braille alphabet.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>
<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>
<b>U</b>	<b>V</b>	<b>W</b>	<b>X</b>	<b>Y</b>	<b>Z</b>	<b>ch</b>	<b>ed</b>	<b>er</b>	<b>gh</b>
<b>ou</b>	<b>ow</b>	<b>sh</b>	<b>th</b>	<b>wh</b>	<b>and</b>	<b>for</b>	<b>of</b>	<b>the</b>	<b>with</b>