

## History Mysteries – Answers

### Picture 2 page name: [analyticalengine.html](#)

- What is it? **Analytical engine**
- When was it first described? **1837**
- Who invented it? **Charles Babbage**
- Why is it important? **It was the first computing machine designed to do general tasks (not just calculate).**

### Picture 3 page name: [countess.html](#)

- Who is she? **Countess Ada Lovelace (or Augusta Ada King)**
- When did she live? **1815-1852**
- She the 1<sup>st</sup> person to do an important computer-related activity. What was it? **The first programmer.**

### Picture 4 page name: [codebreakers.html](#)

- What is it? **Colossus computer**
- When was it invented? **1943–1945**
- What was it used for? **Solved (“cracked” or “broke”) the enemy’s secret battle codes in World War II**
- The women in the picture are programming the computer. How did they do that? (There’s no keyboard!) **The moved wires on the outside of the computer.**

### Picture 5 page name: [ic.html](#)

- What is it? **Integrated circuit, a miniature computer you can hold in your hand.**
- When did inventors make it possible to produce them in large quantities, so the public could use them? **1958**
- Why is it important? **Computers could be much smaller and cheaper. Eventually, people could have computers in their homes.**

*Turn over →*

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### Picture 6 page name: [hopper.html](#)

- What got discovered on this page? **The first computer bug – a real moth!**
- When was it discovered? **1945**
- Who discovered it? **Grace Hopper**
- What else did she do? **Pioneered programming languages that worked on many different kinds of computers instead of just one computer.**

### Picture 7 page name: [xerox.html](#)

- What is the name of this computer? **Alto**
- When was it invented? **1973**
- Why is it important? **First computer with a graphical user interface (GUI) and a mouse.**

### Picture 8 page name: [zx81.html](#)

- Where is the computer in this picture? **Black box with the keyboard**
- What is its name? **Sinclair ZX81**
- Why is it connected to an audio cassette (which normally played music tapes)? **Its programs were stored on the audio cassette tapes. Also, the ZX81 saved its documents on the tapes.**