Crash Course Computer Science #1: Early Computing

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| Name: |  | Date: |  |

# Instructions

Watch *Crash Course Computer Science #1: Early Computing* on YouTube first. Then answer the following questions. Try to answer the question without looking at the video, but re-watch the video or parts of it if you cannot remember the answer.

1. Name 4 modern things that are run by computers (a computer is *not* a valid answer!):
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Fill in the blanks: “Computers are really just simple \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that perform \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ actions through many layers of abstraction.”
7. *Circle One:* The very first, earliest computational device known to man, around 2000 B.C.E., was the:
8. iPhone
9. abacus
10. waterwheel
11. difference engine
12. On an abacus, how many beads would be in each row if I wanted to represent the number 4,096?

Top Row: \_\_\_\_\_\_\_\_\_

Next Row Down: \_\_\_\_\_\_\_\_\_

Next Row Down: \_\_\_\_\_\_\_\_\_

Bottom Row: \_\_\_\_\_\_\_\_\_

1. *Circle One:* Who is known as the first real computer pioneer, often called the “Father of Computing”?
	1. Ada Lovelace
	2. Neal Degrasse Tyson
	3. Charles Babbage
	4. Godfried Liebnitz
2. *Circle One:* The earliest computers were:
	1. Electrical
	2. Wooden
	3. Mechanical
	4. Fast
3. Charles Babbage thought of/designed the following machines (*circle all that apply*):
	1. Analytical engine
	2. Philosophical engine
	3. Difference engine
	4. Critical engine
4. *Circle One:* The first “computer programmer” has a computer language named after them in honor. What is the name of the computer language?
	1. Java
	2. Lisp
	3. Ada
	4. Fortran
5. *Circle One:* The first computer business machine company, The Tabulating Machine Company, eventually turned into what famous, current modern business?
	1. Walmart
	2. Staples
	3. IBM
	4. Piggly Wiggly
6. *Circle One:* The name of the woman who hosts Crash Course Computer Science is:
	1. Ellen Hunt
	2. Carrie Anne
	3. Hocus Pocus
	4. Jenny Worth