

Name: _____

Computer Applications Class

Computer Literacy Unit

Intel Video Series of Wonder

Unit 1: Introduction to Computers

1. What was one of the first known calculating devices?
2. Who invented it and how old is the technology referred to in question #1?
3. What was Charles Babbage's claim to fame?
4. Why is Charles Babbage's device he invented important to the evolution of computer technology?

5. What are the four key elements to a functional computer?
 - a.
 - b.
 - c.
 - d.

6. What was the ENIAC?

7. What year was the ENIAC finally put to use?

8. What was the purpose behind creating the ENIAC?
(Trivia time! Think about the year it was put into use.)

9. What is ROM? What do the initials ROM stand for?"

10. What is RAM? What do the initials RAM stand for?

11. What is the purpose of the processor?

12. What is a computer switch and how many switches did the ENIAC have?

13. What are three types of output?
 - a.

 - b.

 - c.

Unit 3: Digital Information

1. The numbers 1 and 0 are known as binary code or _____?
2. What is a computer bit?
3. How many bits are in a byte?
4. What does the term “value” mean?
5. A 64 bit computer/gaming system can produce how many values?
6. What is a pixel? What does “pixel” stand for?

7. How many lines of pixels are on a standard monitor?

8. How many pixels are in a single line of a standard monitor?

9. What are two types of output when dealing with monitors?

10. What are the three (or four) primary computer colors?

11. What type of processor does an Xbox 360 have (32 or 64 bit machine?)

Unit 4: Computer Processors

1. What are the three functions of a computer processor? What is the task of each item?
 - a.
 - b.
 - c.

2. How do the three functions of a processor work in relation to a CD?
 - a.
 - b.
 - c.

