

Part 3: How Computer Memory Works

Use the site howstuffworks.com to answer the following questions.

8) What does RAM stand for?

9) RAM is measured in Megabytes or Gigabytes. How many Megabytes are in one Gigabyte?

10) The most common form of RAM is:

11) What electronic devices are used to store data in Dynamic RAM?

12) How often does a memory controller automatically refresh memory in dynamic RAM?

13) On what substance are memory cells etched?

14) What sets static RAM apart from dynamic RAM?

15) Memory chips are normally available as part of what type of card?

16) Identify the following types of RAM package:



(A) _____



(B) _____



(C) _____

Find the Kingston Technology “Ultimate Memory Guide”. (There is a link on How Stuff Works, or you can Google it.) Answer the following questions.

17) How much RAM is described as “optimal” for a Windows XP computer? _____

18) How much RAM is recommended for a “Mainstream” computer running Vista? _____