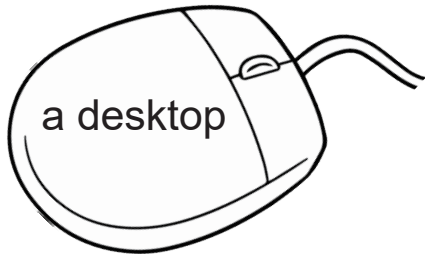# Capitalize Your Sentences
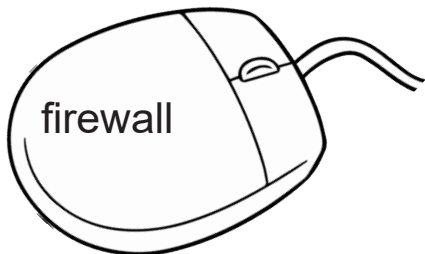
➡ A sentence begins with a **capital letter**.
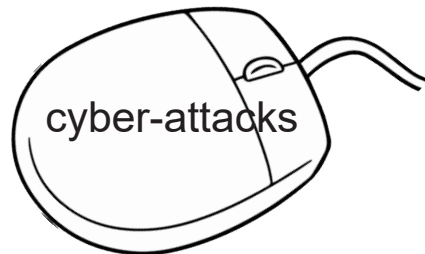
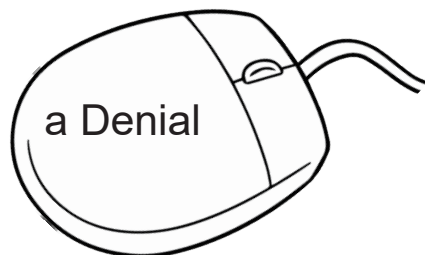Write the beginning words correctly to make a sentence.

a desktop

_____ computer is designed

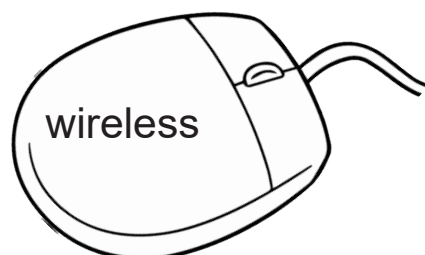for use on a desk due to its size and power needs.

firewall

_____ software protects your

computer from cyber-attacks.

cyber-attacks

_____ can harm your computer

if your computer's Firewall software is not updated.

a Denial

_____ of Service attack can

be prevented when Firewall software is updated.

wireless

_____ routers and other

wireless devices should have Firewall software.

Cybersecurity for All Wordsearch!

```
D T I S A C V I G A C R E E E
Z U F N F Y O K D A T T H S N
W D T N P V R N G D I D T N C
R E T U P M O C N S E J R E R
Z D N L Y Z A K B E X X D F Y
U C R O Q E B E C F C I I E P
E F V O H Q W J I W Q T Y D T
F E J F W P H R R B W M I O I
C Y B E R S E C U R I T Y O O
R Y P E Y W S C Y B E A R S N
S O R G A J V A L I A M E E I
A Z U L H I R B P T V R E R Z
I H L T R A V V A L R Y P V Y
C U X U E X Q D F J R F G E L
G C S U L R T T V M H C Y R V
```

CIAS
COMPUTER
CONNECTION
CYBEAR
CYBERSECURITY
DATA
DEFENSE
EMAIL
ENCRYPTION
FIREWALL
PASSWORD
ROUTER
SERVER
VIRUS
WEBSITE

Can You Help Vint CyBear Navigate the Cyber Maze?

↳Start Here
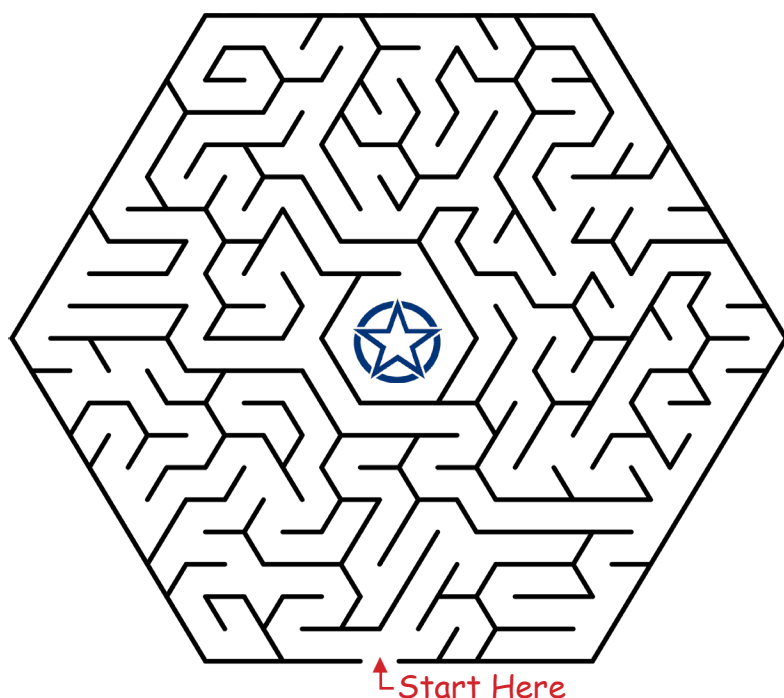
Verbs

A verb is an action word. It tells what someone or something is doing.

Draw a line to match each sentence with an action verb. Then write the action verbs on the lines to finish the sentences.

1. A desktop computer _____ electricity to work.

2. Laptop computers can _____ to the Internet.

3. A computer mouse _____ users navigate Web pages.

4. Passwords _____ your personal information.

5. Smart phones can _____ your location.

6. Parents _____ family photos on social media.

7. Vint _____ video games with friends.

post

plays

track

helps

connect

protect

uses

Can you think of three more verbs to describe Vint? Write your answers on the lines below.

_____

_____

_____

A sentence begins with a **capital letter**.
A telling sentence ends with a **period (.)**.
An asking sentence ends with a **question mark (?)**.

Rewrite each sentence correctly.

1. what kind of information can a computer process

   _____

2. a computer processes numbers, words, and pictures

   _____

3. computers come in many forms

   _____

4. small computers can control other machines

   _____

5. did you know computers have a brain

   _____

6. computers use electricity to work

   _____

Combining sentences

➡ Two sentences that share the same subject can be combined to make one sentence by using the word **and**.

Rewrite the following sentences by combining them. The first one has been done for you.

1. A desktop computer needs a monitor.
   A desktop computer needs a keyboard.

   <u>A desktop computer needs a monitor and keyboard.</u>

2. A computer follows instructions.
   A computer follows programs.

   _____

3. A computer helps us study.
   A computer helps us learn.

   _____

4. Computers help build roller coasters.
   Computers help build skyscrapers.

   _____

5. Computers allow us to shop online for clothes.
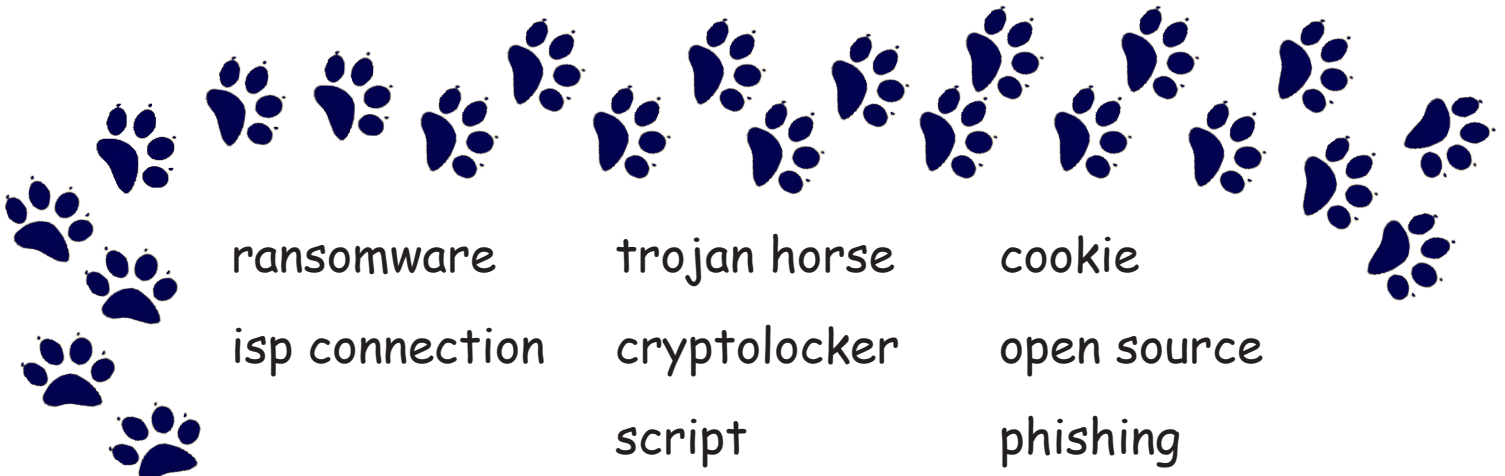   Computers allow us to shop online for groceries.

   _____

6. Computer applications are found on tablets.
   Computer applications are found on smart phones.

   _____

Hidden messages

A **cryptologist** is a person that uncovers secret codes, or messages, and may create secret codes for other people to discover. Cryptologists can work for the government, the military, computer companies, and financial organizations to keep private information safe and secure.

Can you match the definitions below with the answers at the bottom? Part of the information has been uncovered to help match them to the correct words.

1 "software that disguises itself as harmless but causes trouble"

_ _ _ j _ _   _ _ r _ _

5 "code available online for free"

o _ _ _   _ o _ _ _ _

2 "emails pretending to be from someone you know"

_ h _ _ _ _ _ g

6 "computer data will be harmed unless money is paid"

_ a _ _ _ _ w _ _ _

3 "computer files locked away until you pay for them"

_ _ _ _ _ t _ _ _ _ k _ _

7 "simple form of code"

_ c _ _ _ _

4 "creates Internet connection"

_ s _   _ _ n n _ _ _ _ _ _

8 "tracks your activity online"

_ _ _ k _ _

ransomware   trojan horse   cookie

isp connection   cryptolocker   open source

script   phishing

Quotation Marks

➡️ **Quotation marks** are used to identify the exact words someone says. They go before the speaker's first word. They also go at the end of the sentence after the punctuation mark.

Read the sentences below. Then put quotation marks where they belong. The first sentence has been done for you.

1. Grandma asked, "Where do I find my pictures on the phone?"

2. Ada replied, That's easy! I can help you.

3. Grandma said, That would be wonderful.

4. Ada responded, Your photos are in a specific pictures app on the home screen.

5. Grandma smiled and asked, How do I get into that app?

6. Ada pointed and said, Just touch the app icon with your finger and it will open for you!

7. Grandma exclaimed excitedly, Thank you dear!

8. Ada responded, You are welcome, Grandma.

Common Nouns

➡️ Common nouns name people, places, or things.

Circle the words below that are nouns.

doorbell
lightbulb
connect
radio
house
full
play
share
laptop
office
engineer
girl
protect

Write each noun you circled under the correct heading.

People

Place

Thing

_____

_____

_____

_____

_____

_____

_____

_____
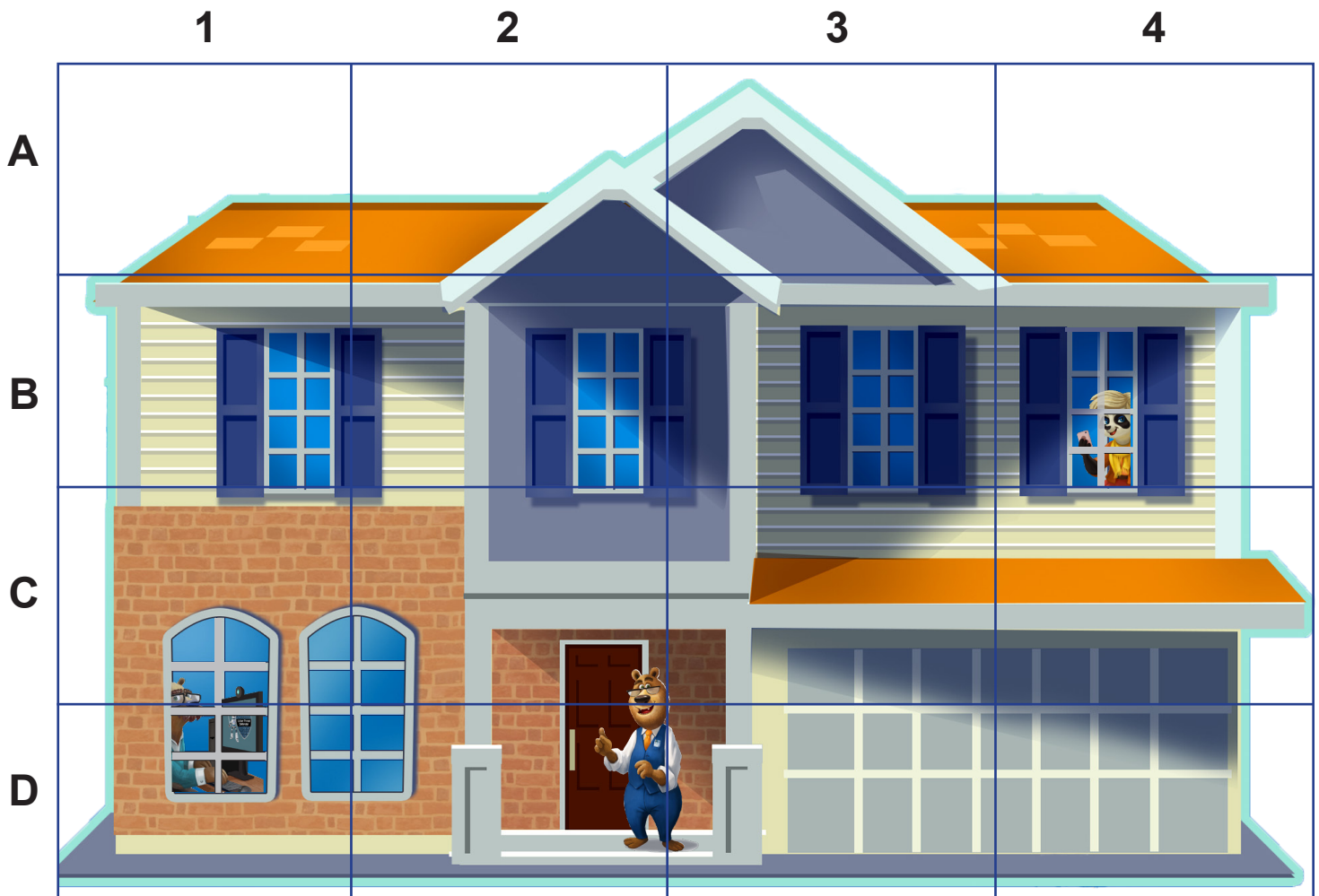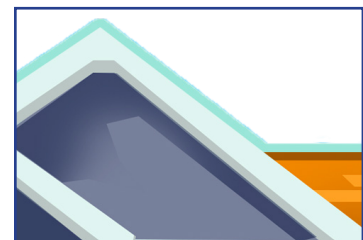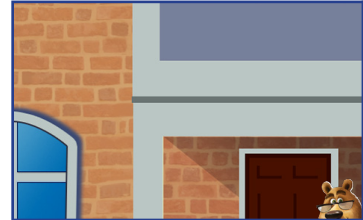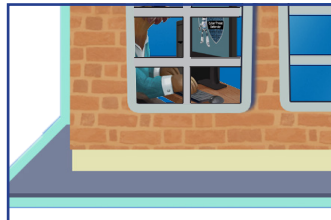
Grid

Here is a map grid game. Study the map and look for each square below it. Write the square name under each picture. The first one has been done for you.
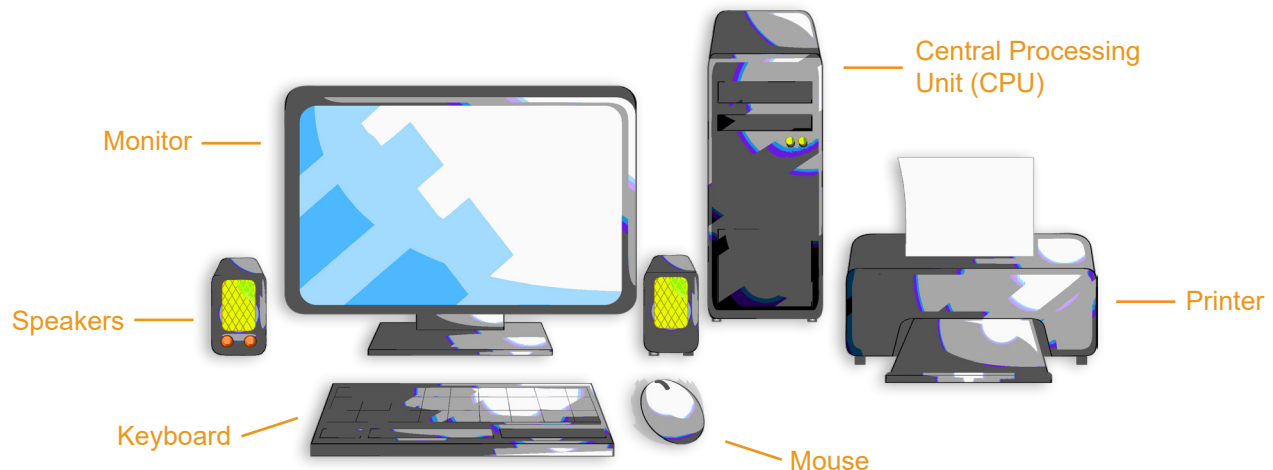

D4 ____

____

____

____

____

____
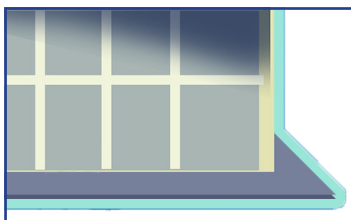
Dissecting Desktop Computer Parts

Use the labels on the diagram to complete the sentences below.

Monitor

Speakers

Keyboard

Central Processing Unit (CPU)

Printer

Mouse

A desktop computer system includes a _ _ _ _ _ _ _ to display
$\quad\quad\quad\quad\quad\quad\quad\quad 2$

information and a _ _ _ _ _ _ _ _ that helps you put information into
$\quad\quad\quad\quad\quad\quad\quad 4$

the computer. A computer _ _ _ _ _ helps you navigate information on the
$\quad\quad\quad\quad\quad\quad\quad\quad\quad 1$

monitor. The _ _ _ _ _ _ _ _ produce sounds. The brain of the computer

system, also called a _ _ _ , tells the monitor and other computer parts
$\quad\quad\quad\quad\quad\quad 5$

what to do. The _ _ _ _ _ _ _ is a device that transfers text and picture
$\quad\quad\quad\quad\quad 3$

information to paper.

Use the number code above to learn an interesting fact about computers.

The first electronic computer, _ _ _ _ _ , weighed more than 27 tons, or
$\quad\quad\quad\quad\quad\quad\quad\quad\quad 1\ 2\ 3\ 4\ 5$

54,000 pounds. It also took up 1,800 square feet!

PAGE 1

1. A desktop computer is designed for use on a desk due to its size and power needs.
2. Firewall software protects your computer from cyber-attacks.
3. Cyber-attacks can harm your computer if your computer's Firewall software is not updated.
4. A Denial of Service attack can be prevented when Firewall software is updated.
5. Wireless routers and other wireless devices should have Firewall software.

PAGE 2

Start Here
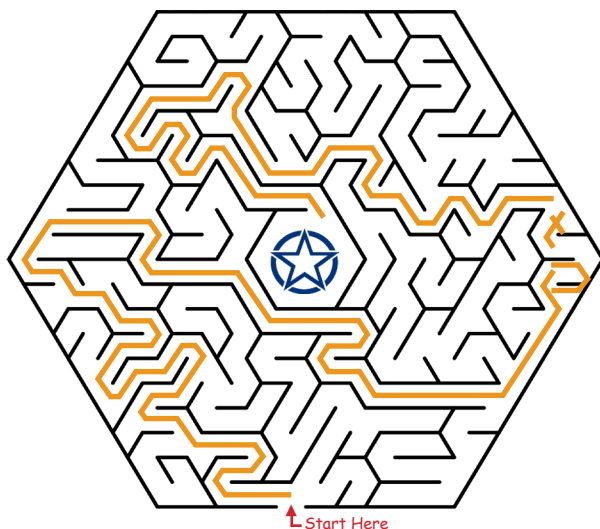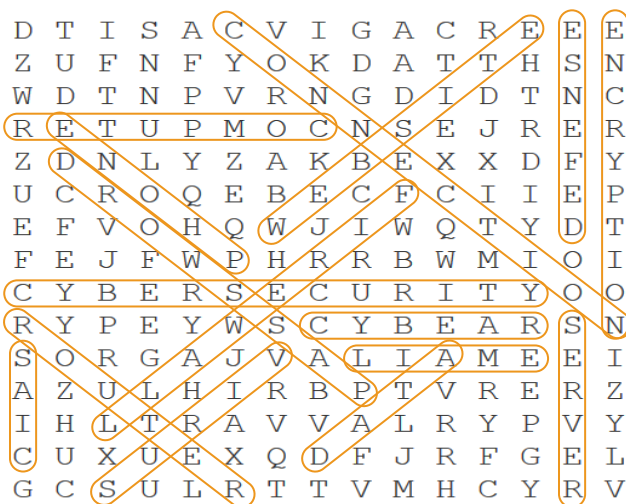
PAGE 3

1. uses
2. connect
3. helps
4. protect
5. track
6. post
7. plays

PAGE 4

1. What kind of information can a computer process?
2. A computer processes numbers, words, and pictures.
3. Computers come in many forms.
4. Small computers can control other machines.
5. Did you know computers have a brain?
6. Computers use electricity to work.

PAGE 5

2. A computer follows instructions and programs.
3. A computer helps us study and learn.
4. Computers help build roller coasters and skyscapers.
5. Computers allow us to shop online for clothes and groceries.
6. Computer applications are found on tablets and smart phones.

PAGE 6

1. trojan horse
2. phishing
3. cryptolocker
4. ISP connection
5. open source
6. ransomware
7. script
8. cookie

PAGE 7

2. Ada replied, "That's easy! I can help you."
3. Grandma said, "That would be wonderful."
4. Ada responded, "Your photos are in a specific pictures app on the home screen."
5. Grandma smiled and asked, "How do I get into that app?"
6. Ada pointed and said, "Just touch the app icon with your finger and it will open for you!"
7. Grandma exclaimed excitedly, "Thank you dear!"
8. Ada responded, "You are welcome, Grandma."

PAGE 8
People: girl; engineer
Place: house; office
Thing: doorbell; lightbulb; radio; laptop

PAGE 9
Row 1: D4; D1; C2
Row 2: B1; B2; A3

PAGE 10
Paragraph in order: monitor; keyboard; mouse; speakers; CPU; printer
Number code: ENIAC