

# UNIT 3



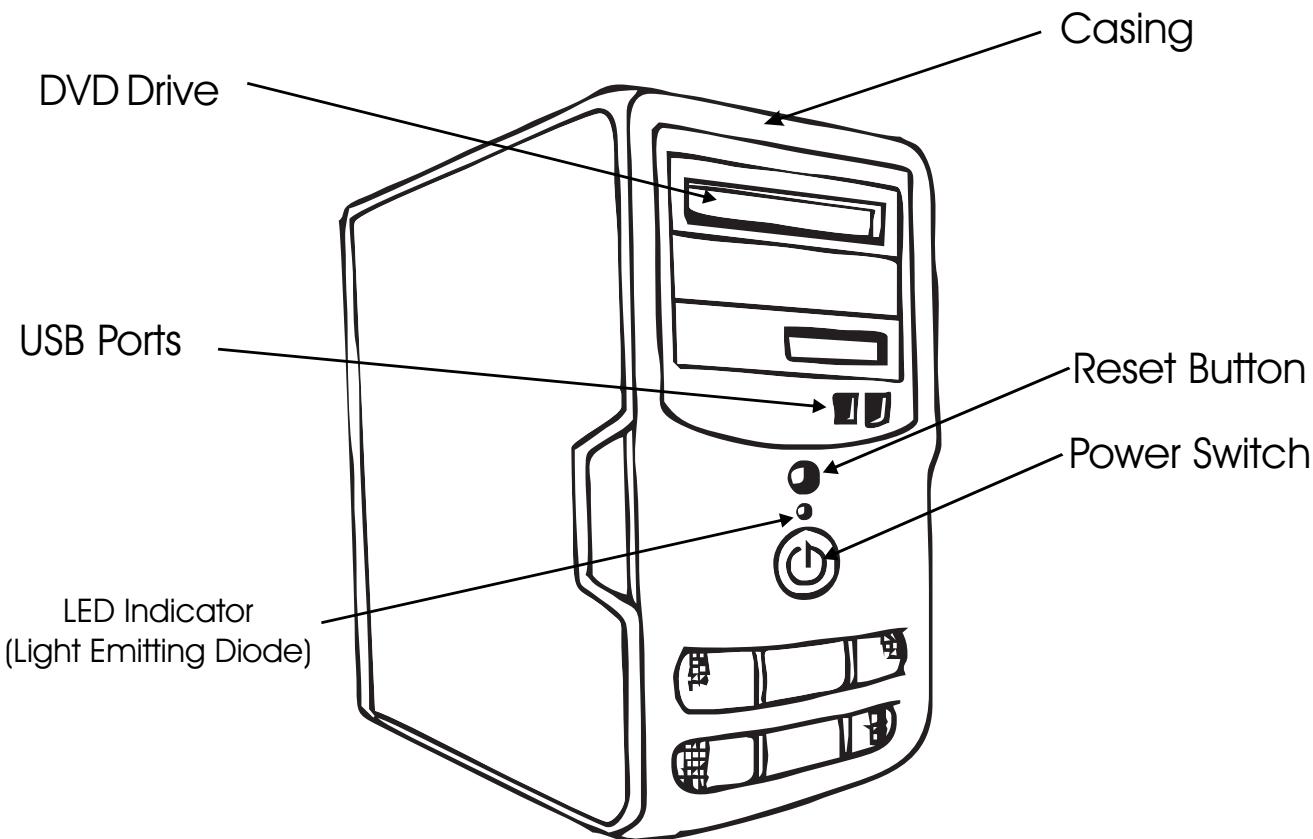
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## COMPUTER PARTS IN DETAIL

# LESSON 1



## THE SYSTEM UNIT AND ITS PARTS



The System Unit contains a CPU (Central Processing Unit), a processor that thinks for the computer. The system unit with a CPU inside solves mathematical problems, thinks of the answers, and does many more.

# System Unit Designs

System Unit can come in many different designs and sizes. The size and design of a system unit are usually determined by the size of the motherboard, since it is the largest component of most computers.

Below are the sample designs:

Desktop



High Tower  
or Server



Mini-tower



Tower or  
Standard



Built-In



# Comparing Sets



Written Activity

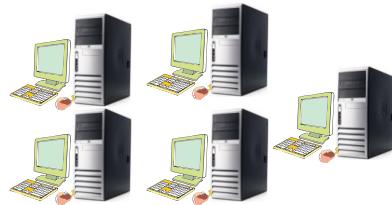
## Activity 1

Compare the two sets in each row. Write *as many as*, *more than*, *less than* in the blank.

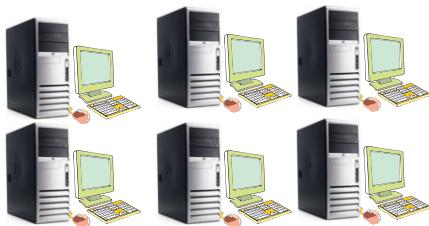
1.



\_\_\_\_\_



2.



\_\_\_\_\_



3.



\_\_\_\_\_



4.



\_\_\_\_\_



5.



\_\_\_\_\_



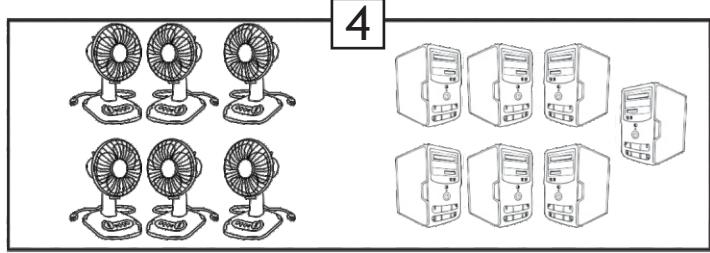
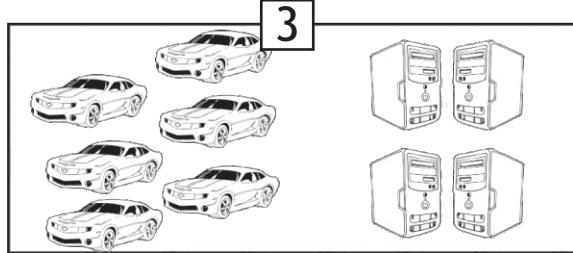
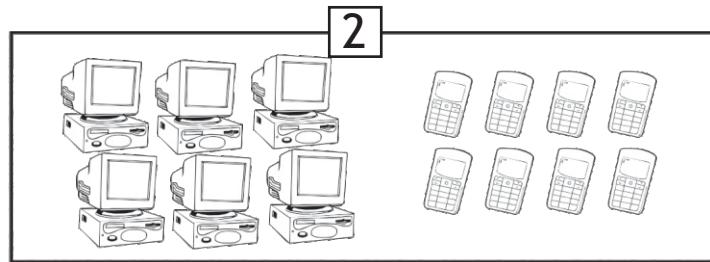
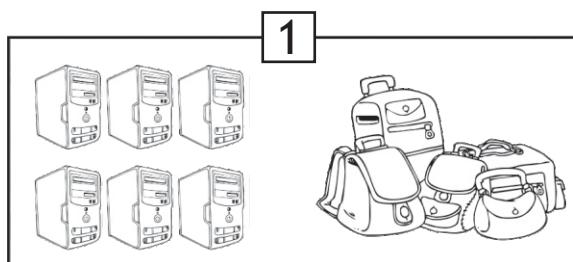
# Ready Get Sets

## Activity 2

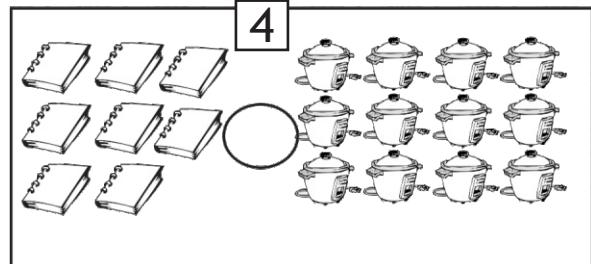
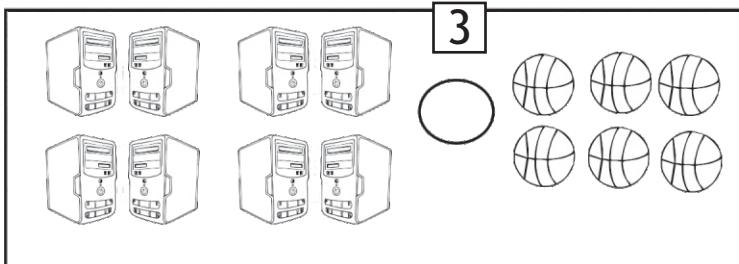
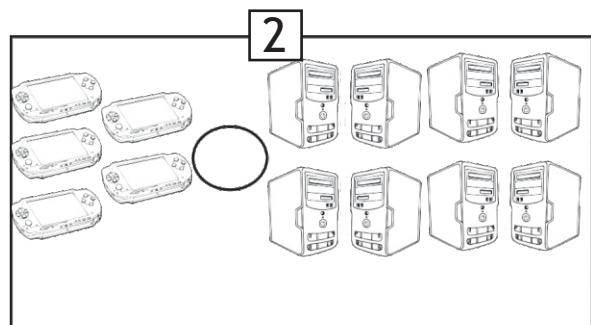
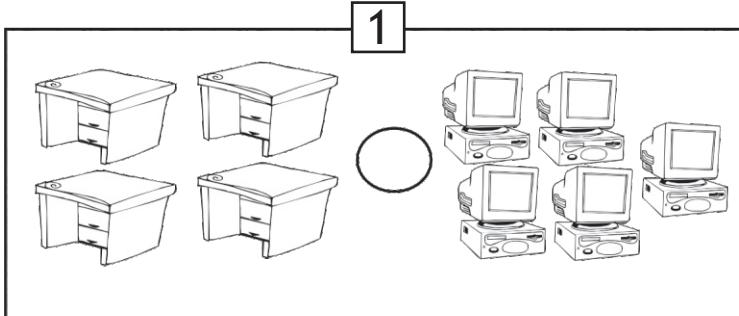


Written Activity

A. Look at the set. Mark a check (✓) on top of the set with more objects. Cross (✗) the set with less objects..



B. Write the correct symbols: > or < inside the circle and write the name of each set.



How to Turn ON  
**Know Me More**  
Activity 3



Hands-on Activity

Do what is being ask in each box. Use the picture bank to copy pictures of different types. Use the **Grab**, **Draw** and **Shape** tools to make the activity in Kidpix.

### Preview

Copy and paste five Mini computers. Box the 4th one.

Copy and paste 10 Built-in computers. Replace the 6th with Tower computer. Circle the 4th one.

Copy and paste six Standard computers. Replace the 2nd one with Mini computer. Erase the 1st computer and box the sixth computer.

Copy and paste seven Server computers. Box the 3rd and 5th server. Erase the 7th server.

Picture Bank

# REMEMBER THESE



- **System unit** contains a CPU (Central Processing Unit), a processor that thinks for the computer.
- The parts of the system unit are the following:
  - DVD Drive
  - USB Ports
  - Casing
  - Reset button
  - Power switch
  - LED Indicator
- System Unit can come in many designs and sizes. These designs are the desktop, mini-tower, tower or standard, high tower or server and built-in design.

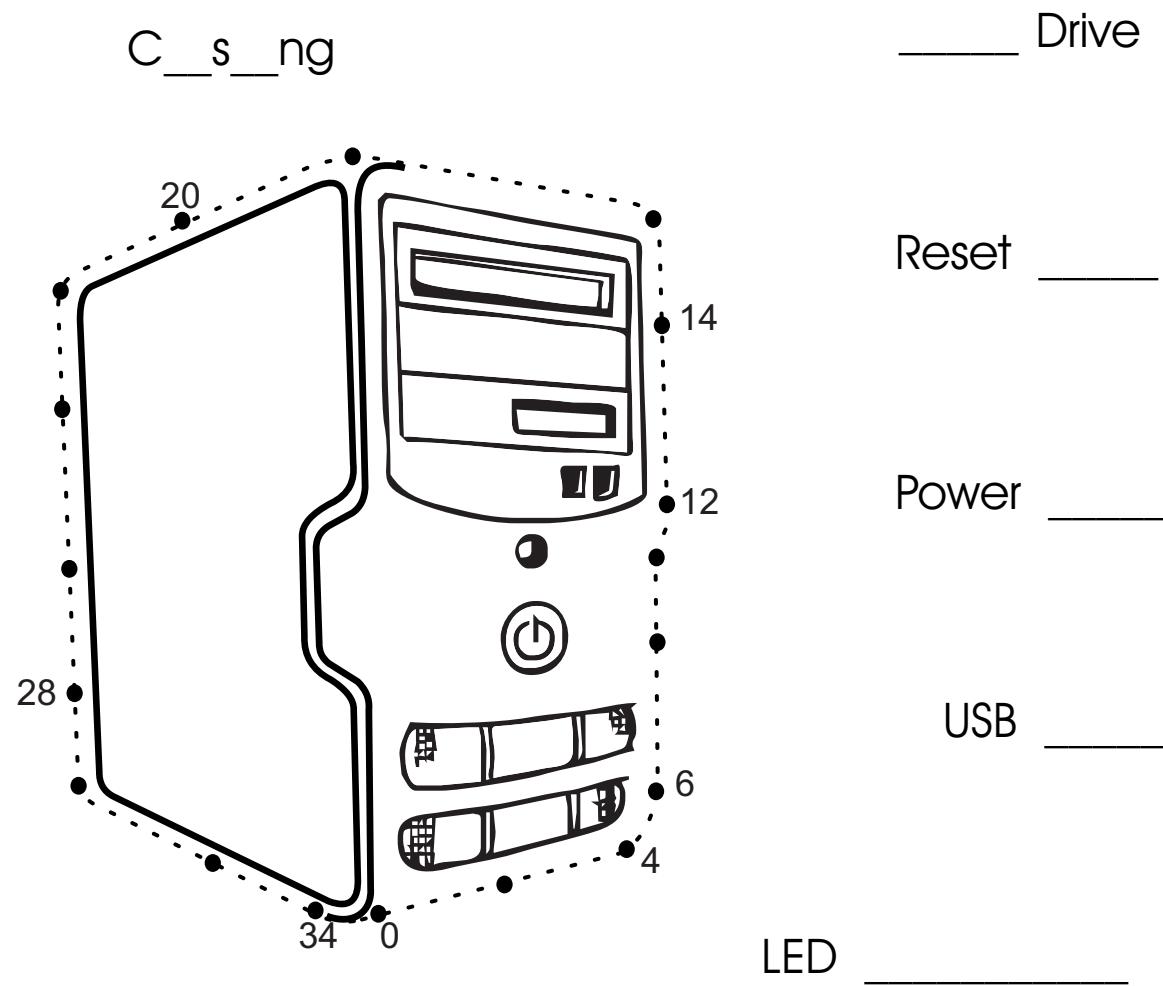
# By 2's

## Activity 4



Written Activity

Connect the numbers to form the system unit. Fill in the missing number, skip count by 2's. Complete the label and connect it to the part. Color the system unit.



# Do Good not Bad

## Activity 5



Valuing Activity

Draw a happy face if the child is doing right. Draw a sad face if the child is not doing right.

## Preview



# Transportation

Integration: English

SideTripSideTripSideTripSideTripSideTrip



## Activity 6

Name the different transport vehicles. Drag each vehicle's name toward its picture. Use KidPix Grab tool, Scissors and Paste to complete the activity.

## Preview

The preview shows a cartoon boy on the left interacting with a digital interface. On the right is a 'Transportation Word Match' section with a grid of icons and words:

Transportation Word Match	
	bike
	sailboat
	airplane
	motorcycle
	car
	school bus
	taxi
	truck

Below the grid, a message reads: "Use the moving van to match the words & pictures". At the bottom are various icons for interaction, including a pencil, a speech bubble, and arrows.