Unit 10 : Graphs

Friendly Notes
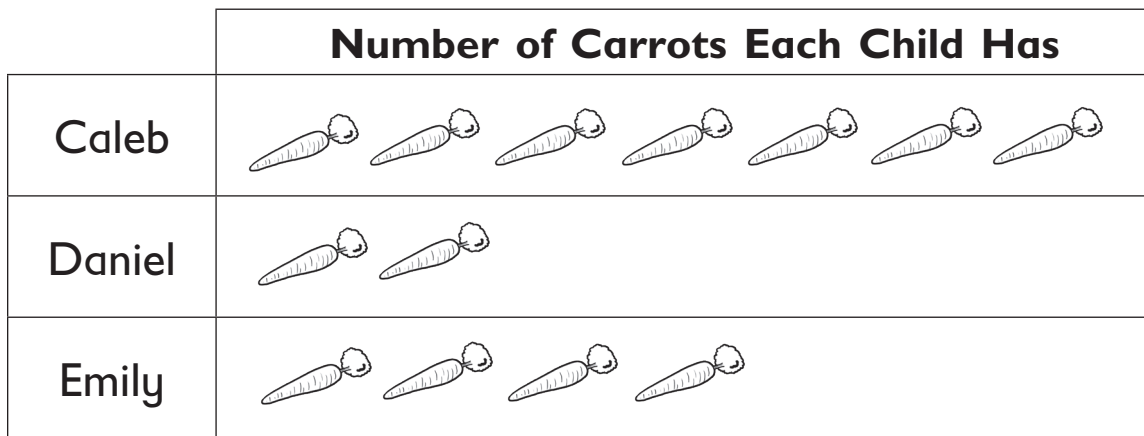
Picture Graphs

We can use picture graphs to compare the number of items.

Caleb has 7 carrots.
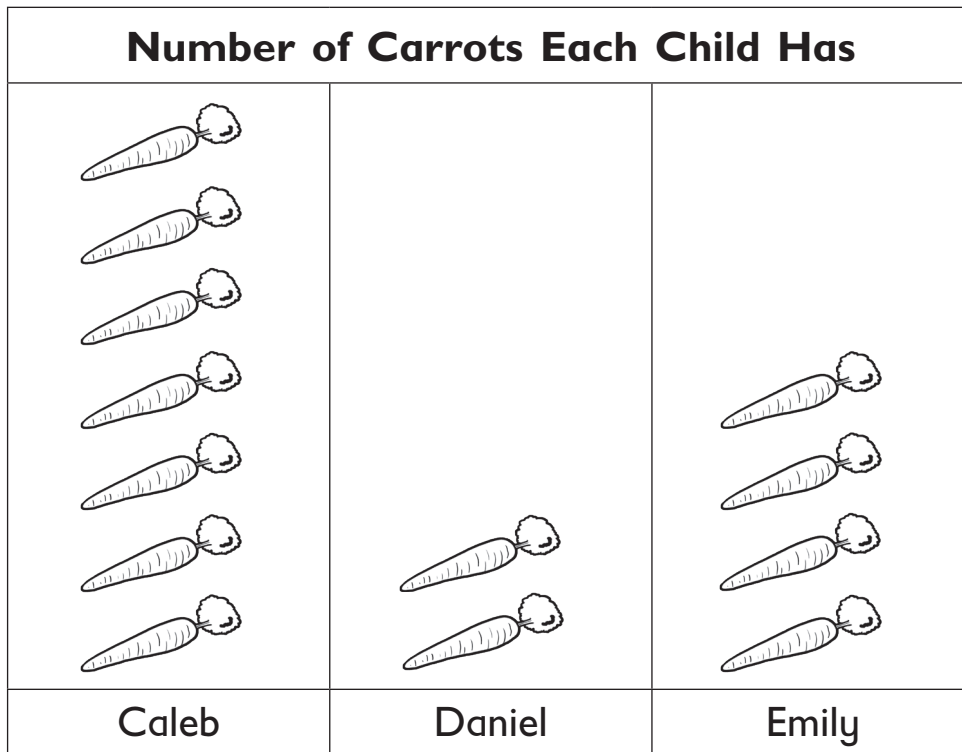Daniel has 2 carrots.
Emily has 4 carrots.

This is how our picture graph looks:

Number of Carrots Each Child Has	
Caleb	
Daniel	
Emily	

Primary Mathematics (Common Core Edition) Extra Practice 1

Our picture graph may also look like this:

Number of Carrots Each Child Has		
Caleb	Daniel	Emily

From the picture graph, we can tell:

Caleb has **5** more carrots than Daniel.

Daniel has **2** fewer carrots than Emily.

Emily has **3** fewer carrots than Caleb.

Caleb, Daniel, and Emily have 13 carrots altogether.

Caleb has **more** carrots than Daniel and Emily.

Caleb has the **most** carrots.

Daniel has **fewer** carrots than Caleb and Emily.

Daniel has the **least** carrots.

Tally Charts

We can also use a tally chart to show how many carrots Caleb, Daniel, and Emily have.

This is how our tally chart may look:

	Number of Carrots Each Child Has
Caleb	~~////~~ //
Daniel	//
Emily	////

Each / stands for 1 carrot.

~~////~~ is a group of 5.

It stands for 5 carrots.

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Bar Graphs

We can also use a bar graph to show the number of carrots each child has.

This is how our bar graph looks:

Number of Carrots Each Child Has		
Caleb	Daniel	Emily

Each [ ] stands for 1 carrot.

Our bar graph may also look like this:

Number of Carrots Each Child Has							
Caleb							
Daniel							
Emily							

Each [ ] stands for 1 carrot.

From our bar graph, we can easily tell who has the most number of carrots or the least number of carrots.