WHAT CAN YOU DO? WHAT CAN I ASK?

1. Given: 5x + 4y = -20

What Can You Do?
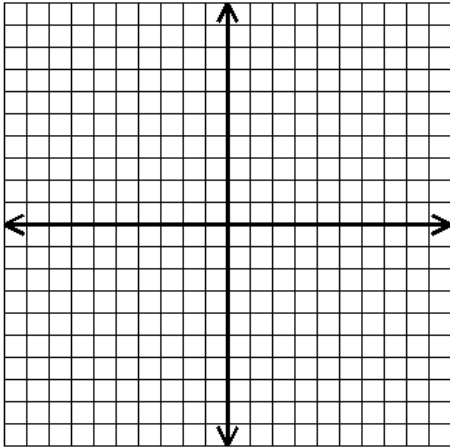
What Can I Ask?

- What is the parent function?

- What is the domain?

- What is the range?

- What is the solution to the equation?

- What are the intercepts?

- What is the slope?

- What is the rate of change?

- Which graph would represent the line?

- How would this line change if…?

2. Given the table:

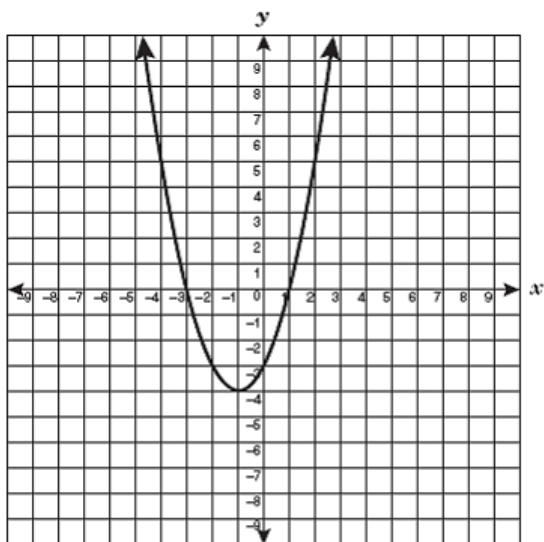| Week	Height(cm)
1	5
2	7
3	9
4	11

What Can You Do?

What Can I Ask?

- What equation represents the data?

- Draw a mapping.

- What is the independent variable?

- What is the dependent variable?

- At Week 0 what is the height?

- Predict the height at Week 7.

3. Given the graph:	**What Can I Ask?**
	• What is the parent function?
	• What is the vertex?
	• What is the minimum y-value of this function?
	• What is the axis of symmetry?
	• What are the solutions?
	• What is the domain?
	• What is this range?
	• What are the roots?
	• What are the intercepts?
What Can You Do?	• What's the 4th word that means the same as solutions, roots, and x-intercepts?
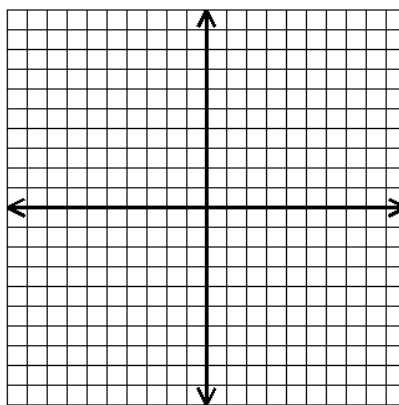
4. Given: $2x + y = 4$ $2x - 3y = 12$	**What Can I Ask?**
	• What is the solution?
	• Where do the lines intersect?
	• Which graph represents this system of equations?
What Can You Do?	• What is the value of y? (Grid your answer)