

## Tracking Stocks: Wanting more ups than downs

### STANDARDS

Content: Order number values

Content: Solve problems involving decimal values

Content: Give evidence of work done to solve a problem

Process: Make conclusions from given data

### TASK

Stocks are shares in a company. When you invest in a company's stock or buy its shares, you own part of a company. If the company makes money, your stock will increase in value. Stock prices often go up and down. They are never guaranteed.

Select a stock that you will track for 5 days. Record the price of one share of your stock. You will do this for 5 days. Record the data on your data sheet. Use the data you recorded to graph the movement of your stock. Specifically consider appropriate intervals you can use with decimal values to make sure your graph takes up most of the graph paper. Also include appropriate titles and labels on your graph.

### RUBRIC

Criteria	3	2	1	Multiplier
Data is recorded	-----	All data is recorded on work page	All required data is not recorded on work page	
Range is accurately calculated with work shown	Range calculation is set up properly, has work shown, and has an accurate answer	Range calculation is not 1 of 3: set up properly, have work shown, have an accurate answer	Range calculation is not 2 of 3 or 3 of 3: set up properly, have work shown, have an accurate answer	x 2
Graph has appropriate intervals	x and y-axes have equal intervals in an appropriate order that allows the graph to fill page	x and y-axes do not have one: equal intervals, values in an appropriate order, or graph to fill page	x and y-axes do not have two or more: equal intervals, values in an appropriate order, or graph to fill page	x 2
Data recorded is accurately plotted on line graph	All data is plotted accurately	1-2 data points misplaced	More than 2 data points misplaced	x 2
Graph has an informative title and labels	Graph has an informative title and labels for all intervals and axes	Graph is missing one: informative title, label for each interval and axis	Graph is missing more than one: informative title, label for each interval and axis	

Total \_\_\_\_\_/23

