

#1

No Calculator

I will be able to represent
proportional relationships
between quantities.

7.RP.2

The cost for sending a fax is \$0.50 a page plus a one-time charge of \$0.75 to use the fax machine (whether you send a fax or not).

- a) What would be the cost of sending two pages from the library?
- b) Make a table for the cost of sending 1, 2, 3, 6, and 9 pages.
- c) Graph the data from your table. Be sure to label your axes. Does your graph show a proportional relationship? Why or why not?
- d) Represent your graph with a two-step equation. Does your equation show a proportional relationship? Why or why not?