

**3-6.** Use what you have learned about exponents to rewrite each of the expressions below.

* 1. 10-123a b. *x*3 · *x*4

c. (3*k* 5)2 d. *n*7 · *n*

e. 10-123e f. 4*xy*3 · 7*x*2*y*3

**3-8.** Use what you know about slope and *y*-intercept to graph y = −http://textbooks.cpm.org/images/cca/common/1-2x.gif + 3.



**3-9.** Write an expression to represent the given situation.  Be sure to define your variable.

Sam currently has $150 in a savings account and is saving $10 per week.  

**3-10.** Find*f*(−3) for each function below.

* 1. *f*(*x*) = −2*x* +3
  2. http://textbooks.cpm.org/images/cca/chap03/cca_ch3_less_3.1.1_3-10b.gif
  3. http://textbooks.cpm.org/images/cca/chap03/cca_ch3_less_3.1.1_3-10c.gif
  4. 10-127d