

Lesson 4 Homework Practice

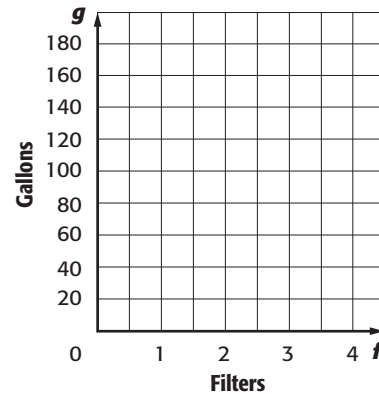
Multiple Representations of Functions

WATER One water filter will clean 40 gallons of water.

- Write an equation to find g , the total number of gallons cleaned by any number of filters f .
- Make a function table to show the relationship between the number of filters f and the total number of gallons g .

Filters (f)	Gallons (g)

- Graph the ordered pairs. Analyze the graph.



CHAIRS Furniture Fanatics is selling dining chairs for \$45 each. Chairs R Us charges \$52 per chair.

- Write an equation to represent the total cost t of any number of chairs c at each place.
- Use the equations of the functions to determine which line is steeper. Explain your reasoning.

