

# Graph Ratio Tables

## Guided Practice

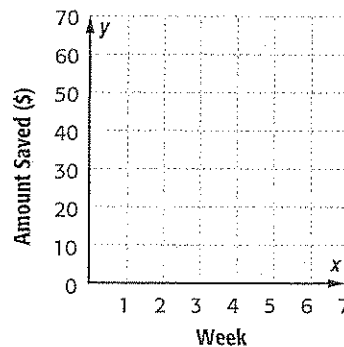
Two friends are each saving money in their bank accounts. Marcus saves \$10 each week while David saves \$15 each week. (Examples 1–5)

1. Make a table for each friend that shows the total amount saved for 1, 2, 3, or 4 weeks. List the information as ordered pairs (weeks, total dollars saved).

Show your work.

Marcus			David		
Weeks, $x$	Total Saved (\$), $y$	$(x, y)$	Weeks, $x$	Total Saved (\$), $y$	$(x, y)$
1			1		
2			2		
3			3		
4			4		

2. Graph the ordered pairs for each friend on the same coordinate plane.



3. How do the ratios of Marcus's savings and David's savings compare? How is this shown on the graph?

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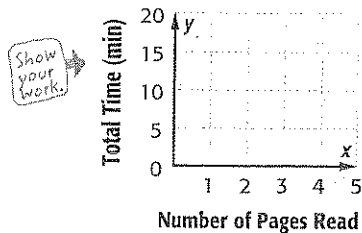
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# Independent Practice

The table shows the total time it took Samir to read 0, 1, 2, and 3 pages of the book. The table also lists this information as ordered pairs (number of pages, total minutes). (Examples 1–2)

Samir's Reading		
Number of Pages, $x$	Total Minutes, $y$	Ordered Pair $(x, y)$
0	0	(0, 0)
1	4	(1, 4)
2	8	(2, 8)
3	12	(3, 12)

 Graph the ordered pairs.



2. Describe the pattern in the graph.

**Ken's Home Supply charges \$5 for each foot of fencing. Wayne's Warehouse charges \$6 for each foot of fencing.** (Examples 3–5)

3. Make a table for each store that shows the total cost for 1, 2, 3, or 4 feet of fencing. List the information as ordered pairs (feet of fencing, total cost).

Ken's Home Supply		
Fencing (ft), $x$	Cost (\$), $y$	$(x, y)$
1		
2		
3		
4		

Wayne's Warehouse		
Fencing (ft), $x$	Cost (\$), $y$	$(x, y)$
1		
2		
3		
4		

4. Graph the ordered pairs for each store on the same coordinate plane.

