

## Linear Equations: Tables and Graphs

1. Sunset Boating Company charges a \$30 initial fee for jet ski rental, then \$10 per hour. Wave Rompers, Inc. charges a \$25 initial fee for jet ski rental, then \$15 per hour. If you are willing to spend \$130 total, from which company could you get the most time on the jet ski?

a. **Sunset Boating Company**

b. Wave Rompers, Inc.

2. Which equation would correctly represent jet ski rental fees from Wave Rompers, Inc.?

( $c$  = total cost and  $n$  = number of hours)

a.  $c = \$25n + \$15$

b.  $n = \$15c + \$25$

c.  **$c = \$15n + \$25$**

b.  $n = \$25c + \$15$

3. Margaret and Kyle are landscaping in their backyard. Margaret can lay stone at the rate of 2 stones per minute. Kyle can lay 3 stones per minute. Their goal is to lay 150 stones each. Margaret was worried she wouldn't finish, so she got up early and got 50 stones laid before Kyle started. Now that Kyle is starting too, how many minutes will it take for each of them to lay 150 stones today?

a. **50 minutes**

b. 55 minutes

c. 60 minutes

d. 45 minutes