| Name: | Class: | Date: |
|---|---|---|

# Lesson 7.4 Multiple Representations

**1.** A school sells tickets to their school play through an online ticket company. Each ticket costs $8 and the company charges a $2.50 processing fee per order. Represent the relationship between the number of tickets bought $t$ and the total cost $c$ with an equation, a table, and a graph. (Example 1)

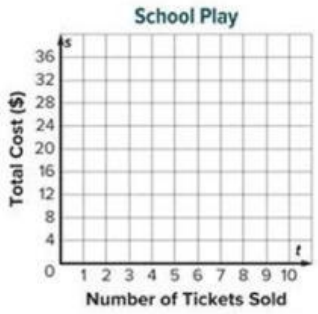
**a.** Represent the relationship with an equation.

c =

**b.** Represent the relationship with a table.

| Number of tickets, t | Equation Rule | Total cost, c |
|---|---|---|
| 0 | | |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

**c.** Represent the relationship with a graph.




**2.** Carmelo earns a weekly allowance of $5 plus an additional $0.75 for each chore that he completes. Represent the relationship between the total earned $t$ and the number of chores completed $c$ with an equation, a table, and a graph. (Example 1)

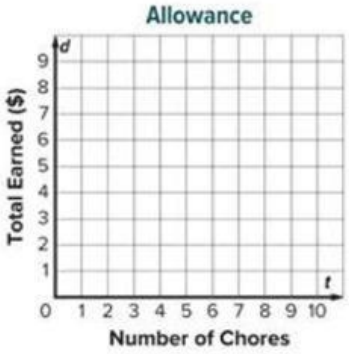
**a.** Represent the relationship with an equation.

t =

**b.** Represent the relationship with a table.

| Number of chores, c | Equation Rule | Total earned, t |
|---|---|---|
| 0 | | |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |

**c.** Represent the relationship with a graph.




LIVEWORKSHEETS