

Name:

Class:

Date:

## Lesson 7.2 Write Equations to Represent Relationships Represented in Tables

1. The table shows the total cost  $c$  of buying  $t$  movie tickets. Write an equation to represent the relationship between  $c$  and  $t$ .

(Example 1)

Number of Tickets, $t$	Total Cost (\$), $c$
1	7
2	14
3	21
4	28

$C =$

2. The table shows the total number of pencils  $p$  in  $b$  boxes. Write an equation to represent the relationship between  $p$  and  $b$ .

(Example 1)

Number of Boxes, $b$	Total Number of Pencils, $p$
1	12
2	24
3	36
4	48

$p =$

3. The table shows the total cost of bowling any number of games and renting bowling shoes. Write a two-step equation to represent the total cost  $c$  for bowling  $g$  games. (Example 2)

Number of Games, $g$	Total Cost (\$), $c$
1	6
2	10
3	14
4	18

$C =$

4. The table shows the total cost of renting a canoe based on the number of hours and a one-time rental fee. Write a two-step equation to represent the total cost  $c$  of renting a canoe for  $h$  hours. (Example 2)

Number of Hours, $h$	Total Cost (\$), $c$
1	16
2	27
3	38
4	49

$C =$