Haleemah and ET found the total amount of money spent by the group of friends on apps that cost $\$ 2$ using the following method:

$$
3 \cdot 2+2 \cdot 2+4 \cdot 2=18
$$

| Danyal | Suado | Kiaan |
| :---: | :---: | :---: |
|  |  |  |
| 3 apps | 2 apps | 4 apps |

1. a. Write an algebra equation that shows the relationship between a game app that costs some unknown amount of money and how much the friends will spend altogether.
b. For each variable you use, write a sentence explaining what that symbol means in the pool context.
"Worksheet: Algebraic Expressions Unit, Lesson 3, Episode 3" by MathTalk is licensed under CC BY-NC-SA 4.0
