

PIZZA and DRINKS

The concession stand at the zoo sells cold drinks for \$2 and personal pizza for \$5.

p = number of personal pizzas sold.

d = number of cold drinks sold.

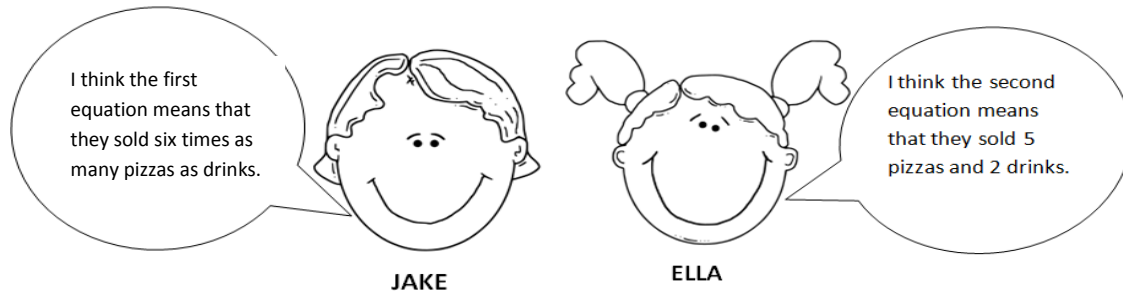
The following equations are true:

$$6p = d$$

$$5p + 2d = 51$$



Here is what Jake and Ella think the equations mean:



Is their thinking correct?

Explain what *you* think the first equation means.

How is yours the same as or different from Jake's explanation?

Explain what *you* think the second equation means.

How is yours the same as or different from Ella's explanation?

Show how to figure out the number of drinks and the number of pizza sold at the zoo.