18 A table can be used to show the relationship between the number of hours a painter works painting and the total amount the painter charges for painting. In your Student Answer Booklet, copy the table below about the painter's charges.

Painter's Charges

Number of Hours (*h*)	1	2	3	4	5
Total Charge for Painting (*c*)					

The painter charges $25 per hour to paint a room.

a. Complete the table you copied in your Student Answer Booklet to show the relationship between *h*, the number of hours the painter works, and *c*, the total amount, in dollars, the painter charges for painting.

b. Write an equation that can be used to find *c*, the total charge for *h* hours of painting.

It took the painter 13 hours to paint a room.

c. What is the total amount, in dollars, the painter charged for painting the room? Show or explain how you got your answer.