Name: .... Class: ....

Divide money amounts word problems

a. Lary works in an automobile company. They just shipped out 5 brand new cars. The total cost of these cars was $ 1,067, 800. If they all cost the same amount, what was the price of each car?

b. Rita and six of her friends spent $ 19. 65 to buy a make up kit. They divided the cost equally. How much did each friend pay? write your answer to the nearest cent.

c. Aliya works as a bar tender in a very renowned restaurant. If he works for 12 days and earns $ 1296 .84, How much does he earn per day.

mathskills4kids

Divide money amounts word problems

a. Lary works in an automobile company. They just shipped out 5 brand new cars. The total cost of these cars was $ 1,067, 800. If they all cost the same amount, what was the price of each car?

total cost of all cars = $ 167, 800

number of cars shipped = 5

therefore the cost of each car = total cost of all cars
                                    number of cars shiped

$$\frac{\$ 1,067, 800}{5} = \$ 33, 560$$

So, each car costs $ 33, 560

b. Rita and six of her friends spent $ 19. 65 to buy a make up kit. They divided the cost equally. How much did each friend pay? write your answer to the nearest cent.

total amount spent = $ 19.65

number of people = 7

divide $ 19.65 by 7 to get the amount of money each friend paid

= 19.65 ÷ 7 = $ 2. 807

$ 2.807 to the nearest cent (hundredth) = $ 2.81   So, each friend paid $ 2.81

c. Aliya works as a bar tender in a very renowned restaurant. If he works for 12 days and earns $ 1296 .84, How much does he earn per day.

number of working days = 12

total amount earned in the course of 12 days = $ 1, 296 .84

divide $ 1,296.84 by 12 to get how much he earns per day

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        108.07
  12 | 1296.84
      - 12↓↓
         96
       - 96↓↓
          084        So, Aliya earned $ 108.07 per day.
        -  84
           00
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