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

Divide money amounts word problems

1. 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?

2. 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.

3. 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.

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1. 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 = $\dfrac{\text{total cost of all cars}}{\text{number of cars shiped}}$

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

So, each car costs $ 33, 560

2. 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

3. 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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