

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 \$1,296.84, How much does he earn per day.
- d.** Christian bought 15 flower bouquets for \$135 for his lovely girlfriend. What was the cost of each bouquet?
- e.** Richard ordered 126 new toys in his store. If he spends \$13,923 to buy all the toys, find the cost of one toy, assuming all the toys cost the same.
- f.** Aden bought 15 exercise books for his daughter for \$405. Find the cost of each exercise book.
- g.** Suppose I bought a soda, a burger, a box of pizza, and two whole cakes for \$256.9, what was the cost of one whole cake if a soda costs \$5.99, a burger costs \$11.55, and a box of pizza costs \$12.55?
- h.** How many \$10 bills are there in \$4,000,000 bills?
- i.** Sakina bought 28 stamps on her last vacation to Spain. If she spent a total of \$413.84, how much was the cost of one stamp?

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- 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 = \$1,067, 800.

number of cars shipped = 5.

therefore the cost of each car =  $\frac{\text{total cost of all cars}}{\text{number of cars shipped}}$

$$\frac{\$1,067,800}{5} = \$213,560$$

So, each car costs \$213, 560.

- b.** So, each friend paid \$2.81.

- c.** So, Aliya earned \$108.07 per day.

- d.**  $\$135 \div 15 = \$9$ .

- e.**  $\$13,923 \div 126 = \$110.5$ .

- f.**  $\$405 \div 15 = \$27$ .

- g.**  $(\$256.9 - (\$5.99 + \$11.55 + \$12.55)) \div 2 = \$113.405 = \$113.41$ .

- h.**  $\$4,000,000 \div \$10 = \$400,000$ .

- i.**  $\$413.84 \div 28 = \$14.78$ .