

Name: Class:

Add, subtract, multiply, or divide two whole numbers: word problems

- a. Erica's dad is a business tycoon. He intends to order 520 brand new fridges to be delivered in trucks right to his store. If each truck can carry only 20 fridges, how many trucks will Erica's dad need?
- b. There are 12 parking floors in the mall of Arabia in Egypt. If each parking floor can accommodate 25 cars, then what is the total number of cars all the 12 floors can accommodate?
- c. Mary just came back from her long vacation. She told her friend that 850 passengers boarded the plane she was in. During their transit, 220 passengers got off. How many passengers were left on the plane?
- d. Tony is a real estate dealer. Right now, he has about 56 apartments of same design to sell. If each apartment cost \$2,912,450, how much money will he make from selling all the apartments?
- e. Each pupil in a class of 89 needs a sheet of stickers. If their teacher intends to buy a sheet of sticker that has 60 stickers on it, how many stickers will the teacher buy?
- f. Joan loves shopping so much. On Saturday, she went shopping. She spent \$125 on a dress, \$785 on a designer handbag and \$8,254 on the latest designer pair of shoes. How much money did she spend in all?
- g. A very famous American musician is saving up to buy a mansion in Beverly Hills. He has \$97,521,250 in his bank account, he has a project that is going to fetch a total sum of \$430,000 for him and he just completed an album that is going to give him a total of \$87,125,502. If the cost of the mansion is \$523,785,000, how much more does he need?
- h. John owns a very big electronic store. Last week, he received a delivery of electronics in 4 containers. The first container had 1,265 electronics, the second container has 857 electronics, the third container had 5,789 electronics and the fourth container had 4,021 electronics. How many electronics did he receive in all?

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- a. Erica's dad is a business tycoon. He intends to order 520 brand new fridges to be delivered in trucks right to his store. If each truck can carry only 20 fridges, how many trucks will Erica's dad need?

We need to divide 520 by 20 in order to solve the problem.

Erica's dad orders 520 fridges.

If 1 truck can carry 20 fridges,

Then, how many will carry 520 fridges?

So, we solve $520 \div 20$.

$$\begin{array}{r} 26 \\ 20 \overline{) 520} \\ \underline{-40} \\ 120 \\ \underline{-120} \\ 0 \end{array}$$

Therefore, Erica's dad will need 26 trucks.

- b. Therefore, 300 cars can be parked in 12 parking floors.
- c. Therefore, 630 passengers were left on the plane.
- d. So, he'll make a total amount of \$163,097,200.
- e. So, the teacher will buy 5,340 stickers.
- f. So, she spent \$9,164 in all.
- g. So, he needs \$338,708,248 more in order to buy the mansion.
- h. So, he received a total of 11,932.