

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

### Multi-step word problems

- a. Mary's marriage to John last weekend was very wonderful. 20 private cars and 12 buses were parked outside the hall. After the ceremony, each bus carried 35 people and each private car carried 3 people. How many people were in the hall?
- b. On Monday, Matty worked for 450 minutes in his office. On Tuesday, he worked half the number of minutes he worked on Monday. On Wednesday, he worked only half day which was 300 minutes. How many more minutes did he work on Wednesday than Tuesday?
- c. Miss Jane runs a small poetry farm. Her ten agric chickens laid an average of twelve eggs each, per week. She sold those eggs for \$2 per dozen. How much money did she get in four weeks if she sold all her eggs?
- d. During home coming vacation, Amanda bought her brother, Jacob 9 gifts costing \$12 each. He also bought his other brother, Levi 9 gifts costing \$25 each and he equally bought his younger sister, Elena 10 different toys costing \$8 each. How much money did he spend in all?
- e. Peter works in a wood company. For the past six weeks, they were able to make 25 tables, 6 beds and 15 chairs per week. If they planned to triple this number per week over the next six weeks, how many tables, beds and chairs will they be able to make in all after these twelve weeks?
- f. Tracy has a room full of shoes. She has about 745 pairs of designer shoes because of her love for shoes. Yesterday, she gave 12 pairs of the shoes to her friend. She equally selected 125 pairs of the shoes and gave it out to the less privilege people on the street. She also had to throw out 55 pairs of shoes because they were already bad. How many pairs of shoes is she left with if she bought 14 additional pairs of designer shoes today?
- g. Yesterday, Mr. James ordered 5 phones and 23 laptops. If each phone cost \$775 and each laptop cost twice the amount of each phone, how much did he spent in all?

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a. Mary's marriage to John last weekend was very wonderful. 20 private cars and 12 buses were parked outside the hall. After the ceremony, each bus carried 35 people and each private car carried 3 people. How many people were in the hall?

- The number of people in private cars =  $20 \times 3 = 60$  people.

- The number of people in the buses =  $12 \times 35 = 420$  people.

- Find the total number of people:

$$60 \text{ people} + 420 \text{ people} = 480 \text{ people.}$$

Therefore, 480 people were in the hall.

b. Therefore, he worked 75 minutes more on Wednesday than on Tuesday.

c. Therefore, she got \$80 in four weeks.

d. So, she spent \$413 in all.

e. So, they will be able to make 1,104 tables, beds and chairs in all after these twelve weeks.

f. So, she is left with 567 pairs of shoes.

g. So, he spent \$39,525 in all.