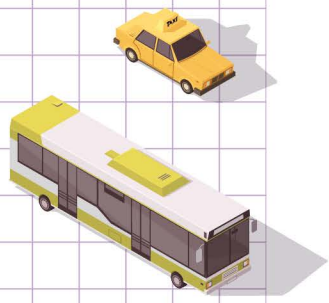
mathskills4kids

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

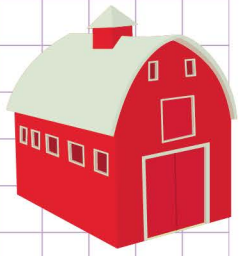
Multi-step word problems.

1. 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?



2. 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?

3. 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?



Solution

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

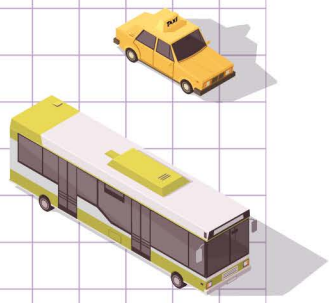
Multi-step word problems.

1. 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 x 3 = 60 people
- The number of people in the buses = 12 x 35 = 420 people
- Find the total number of people:

60 people + 420 people = 480 people

Therefore, 480 people were in the hall.



2. 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?

- The number of minutes he worked on Monday = 450 minutes
- Find the number of minutes he worked on Tuesday = 450 ÷ 2 = 225
- The number of minutes he worked on Wednesday = 300 minutes
- Find how many more minutes he worked on Wednesday than Tuesday

= 300 minutes - 225 minutes = 75 minutes.

Therefore, he worked 75 minutes more.

3. 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?

- Find out the number of eggs the chickens laid in four weeks

10 agric chickens x 12 eggs per week x 4 weeks = 480 eggs

- Find the number of eggs per dozen in 480 eggs

So, divide 480 eggs by 12 eggs per dozen = 480 ÷ 12 = 40 dozen

- The money collected after selling all the eggs

= 40 dozen eggs x $ 2 per dozen = $ 80 in 4 weeks.

Therefore, she got $ 80 in four weeks.